



## **Vehicle Standard (Australian Design Rule 79/01 — Emission Control for Light Vehicles) 2005**

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I, JAMES ERIC LLOYD, Minister for Local Government, Territories and Roads, determine this vehicle standard under subsection 7 (1) of the *Motor Vehicle Standards Act 1989*.

Dated 8 December 2005

[SIGNED]

JAMES ERIC LLOYD

Minister for Local Government, Territories and Roads

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## CONTENTS

0.1	NAME OF STANDARD.....	2
0.2	COMMENCEMENT.....	2
0.3	REPEAL.....	2
1	SCOPE.....	2
2	APPLICABILITY AND IMPLEMENTATION .....	2
3	DEFINITIONS.....	3
4	REQUIREMENTS .....	3
5	EXEMPTIONS AND ALTERNATIVE PROCEDURES.....	4
6	ALTERNATIVE STANDARDS.....	5

### 0.1 NAME OF STANDARD

0.1.1 This Standard is the *Vehicle Standard (Australian Design Rule 79/01 — Emission Control for Light Vehicles) 2005*.

0.1.2 This Standard may also be cited as ADR 79/01.

### 0.2 COMMENCEMENT

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

### 0.3 REPEAL

0.3.1 This Standard repeals each vehicle standard with the name ADR 79/01, and each amendment of such a standard, that is:

- (a) made under section 7 of the *Motor Vehicles Standard Act 1989*; and
- (b) in force at the commencement of this Standard.

0.3.2 This Standard also repeals each instrument made under section 7 of the *Motor Vehicles Standard Act 1989* that creates or amends a vehicle standard with the name ADR 79/01, if there are no other vehicle standards created by that instrument that are still in force at the commencement of this Standard.

### 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<sub>1</sub> and N<sub>1</sub> category vehicles with a GVM less than or equal to 3.5 tonnes, in accordance with the requirements of clause 1.1 of Appendix A and as provided in clause 2.2.

- 2.2 This vehicle standard applies:
- 2.2.1 from 1 January 2005 in relation to new model vehicles with an engine that operates on petrol, liquefied petroleum gas or natural gas produced on or after 1 January 2005;
  - 2.2.2 from 1 January 2006 in relation to vehicles with an engine that operates on petrol, liquefied petroleum gas or natural gas, produced on or after 1 January 2006, other than new model vehicles referred to in clause 2.2.1;
  - 2.2.3 from 1 January 2006 in relation to new model vehicles with an engine that operates on diesel produced on or after 1 January 2006; and
  - 2.2.4 from 1 January 2007 in relation to vehicles with an engine that operates on diesel, produced on or after 1 January 2007, other than new model vehicles referred to in clause 2.2.3.
- 2.3 For the purposes of:
- 2.3.1 clause 2.2.1, a “new model vehicle” is a vehicle of a model first produced with a date of manufacture on or after 1 January 2005; and
  - 2.3.2 clause 2.2.3, a “new model vehicle” is a vehicle of a model first produced with a date of manufacture on or after 1 January 2006.
- 2.4 To the extent of any inconsistency, the applicability dates specified in clause 2.2 apply in lieu of any dates specified in Appendix A.
- 2.5 Vehicles which comply with ADR79/02 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 Subject to clause 4.1.1, vehicles which operate on diesel fuel and which comply with the 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.
- 4.1.1 Vehicles which operate on diesel fuel shall comply with the relevant limit values in row “B(2005)” of the table to paragraph 5.3.1.4 of Appendix A, and the functionality of emission control devices shall satisfy the 5 year or 100,000 kilometre requirement specified in the opening paragraph to paragraph 8.2 of Appendix A.
- 4.2 Subject to clause 4.2.1, vehicles which operate on petrol, liquefied petroleum gas and natural gas, and which comply with the 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.

- 4.2.1 Vehicles which operate on petrol, liquefied petroleum gas and natural gas shall comply with the relevant limit values in row “A(2000)” of the table to paragraph 5.3.1.4 of Appendix A, and the functionality of emission control devices shall satisfy the 5 year or 80,000 kilometre requirement specified in the opening paragraph to paragraph 8.2 of Appendix A.

## **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	Penalties for non-conformity of production
Section 10	Production definitely discontinued
Section 11	Transitional provisions
Section 12	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
Annex 1	Engine and Vehicle Characteristics
Annex 2	Communication
Annex 3	Arrangements of the Approval Mark

- 5.2 In paragraph 1.1.7 of Appendix A, the words “Regulation No. 49 as amended by the latest series of amendments” are amended to read “ADR80/01”.

- 5.3 In paragraph 1.2 of Appendix A, the words “Regulation No. 49” are amended to read “ADR80/01”.

- 5.4 In section 5 of Appendix A, delete the entire Note immediately following the heading “5. SPECIFICATIONS AND TESTS”.

- 5.5 Bi-fuel vehicles when operated in the LPG or NG mode, and mono-fuel vehicles fuelled with LPG or NG, are not required to comply with the OBD system requirements and tests referred to in paragraph 5.2.2, Table 1, paragraph 5.3.8 and Annex 11 of Appendix A.
- 5.6 Notwithstanding that Section 8 and Appendices 1, 2, 3 and 4 of Appendix A have been declared not applicable in 5.1 above, the requirements and procedures set out in these appendices are acceptable for the purposes of demonstrating compliance with the technical requirements of this vehicle standard.

## **6 ALTERNATIVE STANDARDS**

- 6.1 Subject to clause 6.1.1, for vehicles which operate on diesel, 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 3, incorporating the 05 series of Amendments, and all amendments up to and including supplement 5, are deemed to be equivalent to the technical requirements of this vehicle standard.
- 6.1.1 Vehicles operating on diesel shall comply with the limit values in row “B(2005)” of the table to paragraph 5.3.1.4 of the Regulation.
- 6.2 Subject to clause 6.2.1, for vehicles which operate on petrol, liquefied petroleum gas and natural gas, 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 3, incorporating the 05 series of Amendments, and all amendments up to and including supplement 5, are deemed to be equivalent to the technical requirements of this vehicle standard.
- 6.2.1 Vehicles operating on petrol, liquefied petroleum gas and natural gas shall comply with the limit values in row “A(2000)” of the table to paragraph 5.3.1.4 of the Regulation.