

This document shows changes to this page effective from 30 April 2024. The published version won't include any of the text struck through or in red.

Extract taken: from Vehicle Inspection Portal > VIRMs > Entry certification > Inspection and certification > Exhaust > Exhaust emissions

11-2 Exhaust emissions

Reasons for rejection

Compliance with approved standards

1. A vehicle that is required to comply with an approved ~~(or a more recent version, or a higher)~~ exhaust emission standard did not comply or cannot be demonstrated to have complied with at least one of the standards listed in the following tables ~~or in [Technical bulletin 28](#)~~ at the time the vehicle was manufactured ~~or modified~~.

The following tables only list approved vehicle exhaust emissions standards. More recent versions of the standards and higher standards (as well as approved standards) are listed in [Technical bulletin 28](#).

- ~~• Table 11-2-1. Approved exhaust emission standards for used vehicles certified for use on New Zealand roads before 3 January 2008~~
- ~~• Table 11-2-2. Approved exhaust emission standards for used petrol-, CNG- and LPG-powered vehicles certified for use on New Zealand roads on or after 3 January 2008~~
- ~~• Table 11-2-3. Approved exhaust emission standards for used diesel-powered vehicles certified for use on New Zealand roads on or after 3 January 2008~~
- ~~• Table 11-2-4. Approved exhaust emission standards for new petrol-, CNG- and LPG-powered vehicles~~
- ~~• Table 11-2-5. Approved exhaust emission standards for new diesel-powered vehicles.~~
- Table 11-2-1 Exhaust emissions requirements for Class MA, MB, MC, MD1, MD2, NA vehicles (except used-import disability vehicles)
- Table 11-2-2 Exhaust emissions requirements for used-import disability vehicles – Class MA, MB, MC, MD1, MD2, NA
- Table 11-2-3 Exhaust emissions requirements for Class MD3, MD4, ME, NB, NC vehicles
- Table 11-2-4 Exhaust emissions requirements for Class LA, LB, LC, LD, LE vehicles

Performance and modification

2. A ~~class MA, MB, MC, MD1, MD2, MD3, MD4, ME, NA, NB or NC vehicle~~ vehicle that is required to pass the prescribed metered test (see 4. under [Compliance with approved standards](#)) does not pass the prescribed metered emissions test (see [section 11-3, Metered emissions test specifications](#)).

3. The exhaust system does not comply with requirements relating to performance set out in the [VIRM: In-service certification, section 11-2](#).

4. A vehicle that is required to comply with an exhaust emission standard doesn't illuminate a malfunction lamp self test related to emissions and/or engine systems when the ignition is first cycled (on).

5. A vehicle that is required to comply with an exhaust emission standard displays a message or warning which may indicate a fault or noncompliance of the engine of the vehicle's emissions system (other than a warning system self test cycle).

Note 1

~~A transitional provision of the Rule allows vehicles border checked for entry into New Zealand before 1 February 2008 to meet earlier requirements, as set out in Table 11-2-1.~~

Note 2 1

[Technical bulletin 28](#) describes methods of ~~proving~~ ~~identifying~~ compliance with ~~approved~~ emissions standards, and explains how to record the information in LANDATA.

Note 2

1. **New model vehicle** means a new motor vehicle that has a date of manufacture occurring in the same calendar year as that in which the particular model of the vehicle was first manufactured.

2. **Existing model vehicle** means a new vehicle that is not a new model vehicle.

3. **New** means a vehicle that has not been previously registered or operated and is not a low volume vehicle. Operation expressly for the purpose of the specific vehicle's, manufacture, delivery to New Zealand and entry certification is exempt. Using the vehicle in activities like demonstration, training, testing, courtesy or transport services is operation.

4. **Used** means a vehicle that has been previously registered (anywhere) or operated and is not new. Refer to [9 Definitions and abbreviations](#).

Note 3

~~The Land Transport Rule: Vehicle Exhaust Emissions does not apply to ancillary engines that do not power the vehicle's wheels.~~

Note 4

~~The following vehicles are not required to meet an emissions standard:~~

- ~~• Tractors (for the purpose of the Land Transport Rule: Vehicle Exhaust Emissions, a tractor means a motor vehicle, other than a traction engine, constructed principally for towing an agricultural trailer or for powering agricultural implements)~~
- ~~• Class L vehicles~~
- ~~• Class MA or MC motorsport vehicle~~
- ~~• Class MA special interest vehicles~~
- ~~• Immigrants' vehicles~~
- ~~• Mobile cranes~~
- ~~• Low volume production vehicles that comply with the emissions requirements of the Low Volume Vehicle Code.~~

Note 5

~~Reference material G1 describes the option to repower a heavy vehicle to meet emission requirements.~~

Note 6

~~A vehicle more than 20 years old is not required to comply with an exhaust emission standard or have a metered tailpipe test.~~

Table 11-2-1. Approved exhaust emission standards for used vehicles certified for use on New Zealand roads before 3 January 2008

Petrol-powered vehicles				
UN-ECE Regulation No.:	EEC/EC Directive	ADR	Japan	Others
15 83	70/220	36 37 79/00 80/00	Japan Safety Regulations for Road Vehicles, Article 31	Federal Regulation 40 CFR Part 86 Title 13 of the California Code of Regulations Mean Value Standards for Motor Vehicle Exhaust Emissions, No. 129
Diesel-powered vehicles				
UN-ECE Regulation No.:	EEC/EC Directive	ADR	Others	
24 and one of:- 15 83 49	72/306 and one of:- 70/220 88/77	ADR 30 and one of:- 70/00 79/00 80/00	Federal Regulation 40 CFR Part 86 Title 13 of the California Code of Regulations The Mean Value Standards for Motor Vehicle Exhaust Emissions, No. 129 Japan Safety Regulations for Road Vehicles, Article 31	
Low-volume vehicles				
As defined in the Low Volume Vehicle Code				

Table 11-2-1 Exhaust emissions requirements for Class MA, MB, MC, MD1, MD2, NA vehicles (except used-import disability vehicles)

Date of border inspection (used vehicles) or manufacture (new vehicles)	Fuel type	Used or new	Exhaust emissions requirements
Before 30 April 2024	Petrol, CNG/LPG	Used	Euro 4; or US 2004; or Japan 05; or ADR 79/02
		New	Euro 5; or US 2007; or

Date of border inspection (used vehicles) or manufacture (new vehicles)	Fuel type	Used or new	Japan 05; or ADR 79/04
			Exhaust emissions requirements
		Used	Euro 4; or US 2004; or Japan 05; or
		New	ADR 30/01 and ADR 79/01
From 30 April 2024 to 30 June 2027	Petrol, CNG/LPG	Used	Euro 5; or US 2007; or Japan 05; or ADR 79/04
		New	Euro 5; or US Tier 2; or Japan 2005 Low Harm; or Japan 2018; or ADR 79/04
	Diesel	Used	Euro 5; or US Tier 2; or Japan 2005 Low Harm; or Japan 2018; or ADR 79/04
		New	Euro 5; or US Tier 2; or Japan 09; or ADR 79/04
From 1 July 2027 to 30 June 2028	Petrol, CNG/LPG	Used	Euro 5; or US Tier 2; or Japan 2005 Low Harm; or Japan 2018; or ADR 79/04
		New	For existing model vehicles (Note 2) Euro 5; or US Tier 2; or Japan 2005 Low Harm; or Japan 2018; or ADR 79/04 For new model vehicles (Note 2) Euro 6d; or US Tier 3; or Japan 2018 Low Harm; or UNR83/08

Date of border inspection (used vehicles) or manufacture (new vehicles)	Diesel Fuel type	Used	Exhaust emissions requirements Euro 5; or US Tier 2; or Japan 09; or ADR 79/04
		Used or new	
		New	For existing model vehicles (Note 2) Euro 5; or US Tier 2; or Japan 09; or ADR 79/04 For new model vehicles (Note 2) Euro 6d; or US Tier 3; or Japan 2018; or UNR83/08
From 1 July 2028	Petrol, CNG/LPG	Used	Euro 6d; or US Tier 3; or Japan 2018 Low Harm; or UNR83/08
		New	Euro 6d; or US Tier 3; or Japan 2018 Low Harm; or UNR83/08
	Diesel	Used	Euro 6d; or US Tier 3; or Japan 2018; or UNR83/08
		New	Euro 6d; or US Tier 3; or Japan 2018; or UNR83/08

Table 11-2-2 Approved exhaust emission standards for used petrol-, CNG- and LPG-powered vehicles certified for use on New Zealand roads on or after 3 January 2008

Certified for entry into service	Approved vehicle emissions standards	
	Light vehicles	Heavy vehicles
On or after 1 January 2012 (Note 7)	ADR 79/02, or Euro 4, or Japan 05, or US 2004	ADR 80/02, or Euro IV, or Japan 05, or US 2004

Table 11-2-2 Exhaust emissions requirements for used-import disability vehicles – Class MA, MB, MC, MD1, MD2, NA

Date of border inspection (used vehicles) or manufacture (new vehicles)	Fuel type	Exhaust emissions requirements
Before 30 April 2024	Petrol, CNG/LPG	Euro 4; or US 2004; or Japan 05; or ADR 79/02
	Diesel	Euro 4; or US 2004; or Japan 05; or ADR 30/01 and ADR 79/01
30 April 2024 to 31 December 2030	Petrol, CNG/LPG	Euro 5; or US Tier 2; or Japan 2005; or ADR 79/04
	Diesel	Euro 5; or US Tier 2; or Japan 2005; or ADR 79/04
From 1 January 2031	Petrol, CNG/LPG	Euro 6d; or US Tier 3; or Japan 2018; or UNR83/08
	Diesel	Euro 6d; or US Tier 3; or Japan 2018; or UNR83/08

Note 7

A transitional provision of [Land Transport Rule: Vehicle Exhaust Emissions 2007](#) allows vehicles border checked for entry into New Zealand before 1 February 2008 to meet earlier requirements (as set out in Table 11-2-1):

Note 8

Under a transitional provision of [Land Transport Rule: Vehicle Exhaust Emissions 2007](#), a vehicle that complied with the Japan 98 Idling Standard when it was manufactured or modified and has a Japanese emissions code of GF, HK, GG, or HL is deemed to have complied with Japan 98:

Table 11-2-3. Approved exhaust emission standards for used diesel-powered vehicles certified for use on New Zealand roads on or after 3 January 2008

Certified for entry into service	Approved vehicle emissions standards	
	Light vehicles	Heavy vehicles
On or after 1 January 2010 (Note 9)	ADR 30/01 and ADR 79/01; or Euro 4, or Japan 05, or US 2004	ADR 30/01 and ADR 80/02; or Euro IV, or Japan 05, or US 2004

Table 11-2-3 Exhaust emissions requirements for Class MD3, MD4, ME, NB, NC vehicles

Date of border inspection (used vehicles) or manufacture (new vehicles)	Exhaust emissions standards	
	Used	New
Before 30 April 2024	Euro IV; or US 2004; or Japan 05; or ADR 30/01 and ADR 80/02	Euro V; or US 2007; or Japan 05; or Japan 09; or ADR 80/03
30 April 2024 to 31 October 2024	Euro V; or US Tier 2; or Japan 09; or ADR 80/03	Euro V; or US Tier 2; or Japan 09; or ADR 80/03
1 November 2024 to 31 October 2025	Euro V; or US Tier 2; or Japan 09; or ADR 80/03	For existing model vehicles (Note 2) Euro V; or US Tier 2; or Japan 09; or ADR 80/03 For new model vehicles (Note 2) Euro VI step C; or US Tier 3; or US 2013; or Japan 2016; or ADR 80/04; or UNR49/06(Supp.4); or

Date of border inspection (used vehicles)	Exhaust emissions standards	UNR83/07
or manufacture (new vehicles) From 1 November 2025	Used Euro VI step C; US Tier 3; or	New Euro VI step C; US Tier 3; or
	US 2013; or Japan 2016; or ADR 80/04; or UNR49/06(Supp.4); or UNR83/07	US 2013; or Japan 2016; or ADR 80/04; or UNR49/06(Supp.4); or UNR83/07

Note 9

A transitional provision of [Land Transport Rule: Vehicle Exhaust Emissions](#) allows vehicles border checked for entry into New Zealand before 1 February 2008 to meet earlier requirements (as set out in Table 11-2-1):

Table 11-2-4. Approved exhaust emission standards for new petrol-, CNG- and LPG-powered vehicles

Date of manufacture	Approved vehicle emissions standard			
	Light		Heavy	
	New model	Existing model	New model	Existing model
Before 3 January 2008	ADR 79/01, or Euro 3, or Japan 00/02, or US 2001	ADR 79/01, or Euro 3, or Japan 00/02, or US 2001	ADR 80/01, or Japan 00/02, or US 98P	ADR 80/01, or Japan 00/02, or US 98P
On or after 3 January 2008 and before 1 January 2009	Before 1 July 2008 ADR 79/01, Euro 4, Japan 05, or US 2004 On or after 1 July 2008 ADR 79/02, or Euro 4, or Japan 05, or US 2004	ADR 79/01, or Euro 3, or Japan 00/02, or US 2001	ADR 80/02, or Euro IV, or Japan 05, or US 2004	ADR 80/02, Euro IV, or Japan 00/02, or US 98P
On or after 1 January 2009 and before 1 January 2010	ADR 79/02, or Euro 4, or Japan 05, or US 2004	ADR 79/01, or Euro 4, or Japan 05, or US 2004	ADR 80/02, or Euro IV, or Japan 05, or US 2004	ADR 80/02, or Euro IV, or Japan 05, or US 2004

	US 2004	US 2004	US 2004	US 2004
On or after 1 January 2010 and before 1 January 2011	ADR 79/02, or Euro 4, or Japan 05, or US 2004	Before 1 July 2010 ADR 79/01, Euro 4, Japan 05 or US 2004. On or after 1 July 2010 ADR 79/02, or Euro 4, or Japan 05, or US 2004	ADR 80/03, or Euro IV, or Japan 05, or US 2004	ADR 80/02, or Euro IV, or Japan 05, or US 2004
On or after 1 January 2011 and before 1 January 2012	ADR 79/02, or Euro 4, or Japan 05, or US 2004	ADR 79/02, or Euro 4, or Japan 05, or US 2004	ADR 80/03, or Euro V, or Japan 05, or US 2004	ADR 80/03, or Euro IV, or Japan 05, or US 2004
On or after 1 January 2012 and before 1 November 2013	ADR 79/02, or Euro 4, or Japan 05, or US 2004	ADR 79/02, or Euro 4, or Japan 05, or US 2004	ADR 80/03, or Euro V, or Japan 05, or US 2004	ADR 80/03, or Euro V, or Japan 05, or US 2004
On or after 1 November 2013 and before 1 January 2014	ADR 79/03, Euro 5, Japan 05, or US 2004	ADR 79/02, Euro 4, Japan 05, or US 2004	ADR 80/03, Euro V, Japan 05, or US 2004	ADR 80/03, Euro V, Japan 05, or US 2004
On or after 1 January 2014 and before 1 January 2015	ADR 79/03, Euro 5, Japan 05, Japan 09, or US 2007	ADR 79/02, Euro 4, Japan 05, or US 2004	ADR 80/03, Euro V, Japan 05, Japan 09, or US 2007	ADR 80/03, Euro V, Japan 05, or US 2004
On or after 1 January 2015 and before 1 November 2016	ADR 79/03, Euro 5, Japan 05, Japan 09, or US 2007	ADR 79/02, Euro 4, Japan 05, Japan 09, or US 2007	ADR 80/03, Euro V, Japan 05, Japan 09, or US 2007	ADR 80/03, Euro V, Japan 05, Japan 09, or US 2007
On or after 1 November 2016	ADR 79/04, Euro 5, Japan 05, Japan 09, or US 2007	ADR 79/04, Euro 5, Japan 05, Japan 09, or US 2007	ADR 80/03, Euro V, Japan 05, Japan 09, or US 2007	ADR 80/03, Euro V, Japan 05, Japan 09, or US 2007

	00 2007	00 2007	00 2007	00 2007
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Table 11-2-4 Exhaust emissions requirements for Class LA, LB, LC, LD, LE vehicles

Date of border inspection (used vehicles) or manufacture (new vehicles)	Exhaust emissions standards	
	Used	New
From 30 April 2025 to 31 December 2026	Euro 4m, or US 2010m, or Japan 2012m, and was first registered anywhere on or after 1 January 2012	Euro 4m; or US 2010m; or Japan 2012m
From 1 January 2027	Euro 5m; or US 2010m; or Japan 2016m	Euro 5m; or US 2010m; or Japan 2016m

Notes to Table 11-2-4 and Table 11-2-5

1. New-model vehicle means a new motor vehicle that has a date of manufacture occurring in the same calendar year as that in which the particular model of the vehicle was first manufactured.
2. Existing-model vehicle means a new vehicle that is not a new-model vehicle.
3. To help confirm emissions standards compliance, see [Technical bulletin 28 – Exhaust emissions standards compliance](#).
4. To help confirm emissions standards compliance for new heavy vehicles imported by the manufacturer’s New Zealand representative, refer to [Reference material 43](#).

Table 11-2-5. Approved exhaust emission standards for new diesel-powered vehicles

Date of manufacture	Approved vehicle emissions standard			
	Light		Heavy	
	New model	Existing model	New model	Existing model
Before 3 January 2008	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 02/04, or US 2004	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 02/04, or US 2004	ADR 80/00 and ADR 30/01, or Euro III, or Japan 02/04, or US 2004	ADR 80/00 and ADR 30/01, or Euro III, or Japan 02/04, or US 98D
On or after 3 January 2008 and before 1 January 2009	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 05, or	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 02/04,	ADR 80/02 and ADR 30/01, or Euro IV, or Japan 05, or	ADR 80/00 and ADR 30/01, or Euro III, or Japan 02/04,

	US 2004	or Approved vehicle emissions standard US 2004	US 2004	or US 2004
On or after 1 January 2009 and before 1 January 2010 Date of manufacture	Light ADR 79/01 and ADR	ADR 79/01 and ADR	Heavy ADR 80/02 and ADR	ADR 80/02 and ADR
	New model 30/01, or Euro 4, or Japan 05, or US 2004	Existing model 30/01, or Euro 4, or Japan 05, or US 2004	New model 30/01, or Euro IV, or Japan 05, or US 2007	Existing model 30/01, or Euro IV, or Japan 02/04, US 2004
On or after 1 January 2010 and before 1 January 2011	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 05, or US 2004	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 05, or US 2004	ADR 80/03, or Euro IV, or Japan 05, or US 2007	ADR 80/02 and ADR 30/01, or Euro IV, or Japan 05, or US 2004
On or after 1 January 2011 and before 1 January 2012	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 05, or US 2004	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 05, or US 2004	ADR 80/03, or Euro IV, or Japan 05, or US 2007	ADR 80/02, or Euro IV, or Japan 05, or US 2004
On or after 1 January 2012 and before 1 November 2013	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 05, or US 2004	ADR 79/01 and ADR 30/01, or Euro 4, or Japan 05, or US 2004	ADR 80/03, or Euro V, or Japan 05, or US 2007	ADR 80/02, or Euro V, or Japan 05, or US 2004
On or after 1 November 2013 and before 1 January 2014	ADR 79/03; Euro 5; Japan 05, or US 2004	ADR 79/01 and ADR 30/01; Euro 4; Japan 05, or US 2004	ADR 80/03; Euro V; Japan 05, or US 2007	ADR 80/03; Euro V; Japan 05, or US 2004
On or after 1 January 2014 and before 1 January 2015	ADR 79/03; Euro 5; Japan 09, or US 2007	ADR 79/01 and ADR 30/01; Euro 4; Japan 05, or US 2004	ADR 80/03; Euro V; Japan 09, or US 2007	Manufactured before 1 July 2014 ADR 80/03; Euro V; Japan 05, or US 2004. Manufactured on or after 1 July 2014 ADR 80/03; Euro V; Japan 05, or

	Approved vehicle emissions standard			US-2007
On or after 1 January 2015 and before 1 November 2016 Date of manufacture	ADR 79/03, Euro 5, Japan 09, or US-2007 New model	Light and ADR 30/01, Euro 4, Japan 09, or US-2007 Existing model	ADR 80/03, Euro V, Japan 09, or US-2007 New model	ADR 80/03, Euro V, Japan 09, or US-2007 Existing model
	ADR 79/04, Euro 5, Japan 09, or US-2007	ADR 79/04, Euro 5, Japan 09, or US-2007	ADR 80/03, Euro V, Japan 09, or US-2007	ADR 80/03, Euro V, Japan 09, or US-2007 ²

Notes to Table 11-2-4 and Table 11-2-5

1. New-model vehicle means a new motor vehicle that has a date of manufacture occurring in the same calendar year as that in which the particular model of the vehicle was first manufactured.
2. Existing-model vehicle means a new vehicle that is not a new-model vehicle.
3. To help confirm emissions standards compliance, see [Technical bulletin 28 – Exhaust emissions standards compliance](#).
4. To help confirm emissions standards compliance for new heavy vehicles imported by the manufacturer's New Zealand representative, refer to [Reference material 43](#).

Summary of legislation

Applicable legislation

- [Land Transport Rule: Vehicle Exhaust Emissions 2007](#).

Compliance with approved standards

1. A used vehicle of class MA, MB, MC, MD1, MD2, MD3, MD4, ME, NA, NB or NC, less than 20 years old and:
 - a) certified for entry into New Zealand before 3 January 2008 must comply with one or more of the approved exhaust emission standards in Table 11-2-1
 - b) powered by petrol, CNG or LPG and border checked for entry into New Zealand on or after 3 January 2008 must comply with one or more of the approved exhaust emission standards in Table 11-2-2 (Note 1)
 - c) powered by diesel and border checked for entry into New Zealand on or after 3 January 2008 must comply with one or more of the approved exhaust emission standards in Table 11-2-3 (Note 1).
2. New petrol, CNG or LPG powered vehicles of class MA, MB, MC, MD1, MD2, MD3, MD4, ME, NA, NB or NC, less than 20 years old must comply with one or more of the approved exhaust emission standards in Table 11-2-4.
3. New diesel-powered vehicles of class MA, MB, MC, MD1, MD2, MD3, MD4, ME, NA, NB or NC, less than 20 years old must comply with one or more of the approved exhaust emission standards in Table 11-2-5.
4. The following vehicles are not required to meet an emissions standard:
 - Class MA or MC motorsport vehicle
 - Class MA special interest vehicles
 - Immigrants' vehicles
 - Mobile cranes (does not include a truck mounted with crane apparatus)
 - Low volume scratchbuilt and modified production vehicles that comply with the emissions requirements of the Low Volume Vehicle Code:

5. A vehicle more than 20 years old is not required to comply with an exhaust emission standard

6. The Land Transport Rule: Vehicle Exhaust Emissions does not apply to ancillary engines that do not power the vehicle's wheels. eg refrigeration units, motorhome electricity generators

7. A vehicle used exclusively by the New Zealand Defence Force may be fitted with a defeat device to override an exhaust emissions control on the vehicle

Performance

8. Class MA, MB, MC, MD1, MD2, MD3, MD4, ME, NA, NB or NC vehicles manufactured on or after 1 January 1990 and first certified for entry into New Zealand on or after 1 May 2008 must pass a prescribed metered test (see [section 11-3, Metered test specifications](#)):-

9. The exhaust system must comply with requirements relating to performance set out in the [VIRM: In-service certification, section 11-2](#):-

Compliance with approved standards

1. The following are required to meet an approved vehicle exhaust emissions standard, or a more recent version of the standard or a higher standard:

- Vehicles that are:
 - petrol, CNG, LPG or diesel vehicles, and
 - class LA, LB, LC, LD, LE, MA, MB, MC, MD1, MD2, MD3, MD4, ME, NA, NB or NC, and
 - less than 20 years old. Less than 20 years old means first registered outside of New Zealand **or** manufactured 20 years or less before its date of certification for entry into service.

2. The following are not required to meet an approved vehicle exhaust emissions standard, or a more recent version of the standard or a higher standard:

- **Tractors** – meaning a motor vehicle (other than a traction engine) constructed principally for towing an agricultural trailer or powering agricultural implements.
- **Class MA or Class MC motorsport vehicles** – as defined in the Land Transport Rule: Frontal Impact 2001.
- **Immigrants' vehicles** – meaning a motor vehicle that has been identified in writing, under Land Transport Rule: Frontal Impact 2001, or in accordance with Schedule 4 by the Director or by an organisation appointed by the Director under 5.3(2).
- **Class MA special interest vehicles**
- **Mobile cranes** – this doesn't include a truck mounted with crane apparatus.
- **Scratchbuilt vehicles** – as specified in paragraph (a) of the definition of 'low volume vehicle' that comply with the emissions requirements of the Low Volume Vehicle Code.
- **Military vehicles** – as referred to in regulation 5(e) of the Land Transport (Clean Vehicle Standard) Regulations 2022.
- **Enduro, farm, special interest or trial motorcycles** – as defined in Land Transport Rule: Light-vehicle Brakes 2002.

3. The Land Transport Rule: Vehicle Exhaust Emissions doesn't apply to ancillary engines that don't power the vehicle's wheels (for example, refrigeration units, motorhome electricity generators).

4. Approved vehicle emissions standard and higher standard are defined terms:

- **Approved vehicle emissions standard** means a vehicle emissions standard specified in Table 11.-2-1, or Table 11-2-2, or Table 11-2-3 or Table 11-2-4 (Part 3 Schedule 1 of the Land Transport Rule Vehicle Exhaust Emissions 2007).
- **Higher standard** means an approved vehicle emissions standard that would have applied to the vehicle if the vehicle was inspected at the border or manufactured (as the case may be) during a later period.

5. Land Transport Rule: Vehicle Exhaust Emissions 2007 defines Euro 4 as follows:

Euro 4

(a) means:

1. UN/ECE Regulation No. 83, uniform provisions concerning the approval of vehicles with regard to the emission of pollutants according to engine fuel requirements (E/ECE/324E/ECE/TRANS/505/Rev.1/Add.82/Rev.2) incorporating the 05 series of amendments, as per the limit values in row B of the table to clause 5.3.1.4; or

2. Council Directive 70/220/EEC as amended by Council Directive 98/69/EC as per the limit values in row B of the table to clause 5.3.1.4 of Annex I of 98/69/EC...

This definition does not necessarily require the vehicle to be formally certified as Euro 4. The two elements required to meet this definition are:

1. The vehicle must be certified to UN/ECE Regulation 83.05 or EC Directive 70/220/EEC as amended by 98/69/EC (or a later amendment), and
2. The declared emissions values on that certification must be within the specified limits set out in Row B of the quoted table (the Euro 4 emissions limits).

In practice, it is possible for a vehicle to be formally certified in Europe as a Euro 3 vehicle, but for it to comply with the Row B emissions limits required for Euro 4. Such vehicles are certified to UN/ECE Regulation 83.05 or 98/69/EC, or later amendment, (which contain both Euro 3 and Euro 4 requirements) In cases like this, despite being formally certified as Euro 3, the vehicle meets the Emissions Rule definition as a Euro 4 vehicle and can be accepted as such.

Performance

6. The following must pass a metered test (see [section 11-3, Metered test specifications](#)).

- Vehicles that are:
 - Petrol, CNG, LPG or diesel, and
 - Class MA, MB, MC, MD1, MD2, MD3, MD4, ME, NA, NB or NC, and
 - less than 20 years old (first registered outside of New Zealand or manufactured 20 years or less before its date of certification for entry into service), and
 - either
 - used vehicles, or
 - new vehicles that have been modified such that the modification might prevent the vehicle being able to pass the vehicle's test.

7. The following vehicles are exempt from the requirement to pass a metered emissions test:

- tractors, or
- Class MA or Class MC motor sport vehicles.

8. The exhaust system must comply with requirements relating to performance set out in the [VIRM: In-service certification, section 11-2](#).

Page amended **30 April 2024** (see [amendment details](#)).