



TE MANATŪ WAKA
MINISTRY OF TRANSPORT

Pursuant to sections 152 and 155(1)(a) and (b) of the Land Transport Act 1998,
and after having regard to the criteria specified in section 164(2) of that Act

I, Hon David Parker, Minister of Transport

make the following ordinary Rule:

Land Transport Rule: Vehicle Exhaust Emissions Amendment 2023

Signed at Whakatāne

This 12th day of October 2023

Hon David Parker
Minister of Transport

Land Transport Rule
Vehicle Exhaust Emissions Amendment 2023

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Extent of consultation

The Ministry of Transport (Te Manatū Waka) published a draft of the Rule along with explanatory material on its website for public consultation on 11 May 2023. Te Manatū Waka sent notice of the availability of the consultation draft for comment by email to approximately 89 groups. Waka Kotahi NZ Transport Agency also sent notice to 1,967 individuals who had registered an interest in land transport rules. A Notice about the consultation was published on the website of Te Manatū Waka on 11 May 2023. Consultation was open for submissions until 22 June 2023. As part of the public consultation process, Te Manatū Waka ran 5 online workshops. Te Manatū Waka received 77 submissions on the consultation draft, which were taken into account in finalising the draft Rule. The proposed Rule was then submitted to the Minister of Transport for signing.

Section 1 Preliminary provisions

1.1 Title

This Rule is Land Transport Rule: Vehicle Exhaust Emissions Amendment 2023.

1.2 Commencement

This Rule comes into force on 1 December 2023.

1.3 Principal Rule amended

This Rule amends Land Transport Rule: Vehicle Exhaust Emissions 2007 (the Principal Rule).

1.4 Objective

The objective of this Rule is to amend the Principal Rule to—

- (a) introduce Euro 6/VI and similar standards for the exhaust emissions of light and heavy motor vehicles, to apply at entry certification; and
- (b) introduce exhaust emissions standards for motorcycles and mopeds, to apply at entry certification.

Section 2 Amendments to Principal Rule

2.1 Clause 1.3 amended (Date when Rule comes into force)

- (1) In clause 1.3(2), replace “Except as provided in 1.3(3), this” with “This”.
- (2) Revoke clause 1.3(3).

2.2 Clause 2.1 amended (Scope of *section 2*)

In clause 2.1(1), —

- (a) after “2.1(2)” insert “and 2.3(2)”; and
- (b) after “Classes” insert “LA, LB, LC, LD, LE, ”.

2.3 Clause 2.2 amended (Vehicle emissions standards)

- (1) In clause 2.2(1), replace “Except as provided in 2.2(2) and 2.2(3)” with “Except as provided in 2.2(3)”.
- (2) In clause 2.2(1)(a)(i), replace “Table 2.1, Table 2.2, Table 2.3 or Table 2.4” with “Table 2A, Table 2B, Table 2C or Table 2D”.
- (3) After clause 2.2(1B), insert—

- 2.2(1C) Clause 2.2(1D) applies to any used vehicle that enters service more than 4 months after the date on which the vehicle was inspected at the border.
- 2.2(1D) The vehicle exhaust emissions requirements for that vehicle in Tables 2A, 2B and 2C (as the case may be) must be applied as though the words “Date the vehicle was inspected at the border” instead read “Date the vehicle entered service”.
- 2.2(1E) A vehicle must not be treated as complying with Japan 2012m if the vehicle was first registered, whether inside or outside New Zealand, before 1 January 2012.

- (4) Revoke clause 2.2(2).
- (5) In clause 2.2(3)(d), replace “.” with “; or”
- (6) In clause 2.2(3), after paragraph (d), insert—

- (e) military vehicles; or
- (f) enduro motorcycles (as defined in *Land Transport Rule: Light-vehicle Brakes 2002*); or
- (g) farm motorcycles (as defined in *Land Transport Rule: Light-vehicle Brakes 2002*); or
- (h) special interest motorcycles (as defined in *Land Transport Rule: Light-vehicle Brakes 2002*); or
- (i) trial motorcycles (as defined in *Land Transport Rule: Light-vehicle Brakes 2002*).

2.4 Clause 2.3 amended (Used vehicles or modified new vehicles)

- (1) In clause 2.3, replace “A vehicle” with “Except as provided in 2.3(2), a vehicle”.
- (2) Re-number clause 2.3 as clause 2.3(1).
- (3) After clause 2.3(1), insert—

2.3(2) This clause does not apply to a vehicle of class LA, LB, LC, LD, or LE.

2.5 Clause 6.1 revoked (Transitional and savings provisions)

- (1) Revoke clause 6.1.

2.6 Part 2 amended (Definitions)

- (1) In Part 2, in the definition of **ADR 30/01**, after “*Emissions*”, insert “2006”.

- (2) In Part 2, in the definition of **ADR 79/02**, after “*Vehicles*”, insert “2005”.
- (3) In Part 2, in the definitions of **ADR 80/02** and **ADR 80/03**, after “*Vehicles*”, insert “2006”.
- (4) In Part 2, in the definition of **Approved vehicle emissions standard**, replace “*Table 2.1, 2.2, 2.3 or 2.4*” with “*Table 2A, Table 2B, Table 2C or Table 2D*”.
- (5) In Part 2, replace the definition of **Higher standard** with—
- 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.
- (6) In Part 2, in the definition of **Japan 09**, after “*circulars*”, insert “as evidenced by a Japanese three-character emissions code starting with the letter “L”, “F”, “M”, “R”, or “Q” ”.
- (7) In Part 2, revoke the following definitions:
- (a) ADR 79/00:
 - (b) ADR 80/00:
 - (c) ADR 80/01:
 - (d) Enter service:
 - (e) Euro 2:
 - (f) Euro 3:
 - (g) Japan 98:
 - (h) Japan 98 Idling Standard:
 - (i) Japan 00/02:
 - (j) Japan 02/04:
 - (k) US 98D:
 - (l) US 98P:
 - (m) US 2001:
- (8) In Part 2, insert the following definitions in alphabetical order:
- ADR 80/04** is an abbreviation for *Australian Design Rule 80/04, Emission Control for Heavy Vehicles 2023*.
- Disability vehicle** means a light vehicle that is used for the transportation of a person with a disability and is modified to do either or both of the following:

- (a) enable a person in a wheelchair to safely enter and exit the vehicle and enable the person and the wheelchair to be safely restrained while the vehicle is moving;
- (b) provide a person in a wheelchair or of limited mobility with assistance to enter and exit the vehicle through the use of a swivel or swing-out seat.

Enter service, in relation to a vehicle, means to begin to be operated in service on the road in New Zealand for the first time in compliance with registration requirements of *Part 17* of the *Land Transport Act 1998* and **entry into service** has a corresponding meaning.

Euro 4m means *Commission Regulation (EC) No 168/2013 of the European Parliament and of the Council of 15 January 2013 on the approval and market surveillance of two- or three-wheel vehicles and quadricycles*, and meeting the ‘Euro 4’ pollutant emission limit values and OBD Stage I requirements for the relevant vehicle category described in Annex VI.

Euro 5m means *Commission Regulation (EC) No 168/2013 of the European Parliament and of the Council of 15 January 2013 on the approval and market surveillance of two- or three-wheel vehicles and quadricycles*, and meeting the ‘Euro 5’ pollutant emission limit values and OBD Stage II thresholds for the relevant vehicle category described in Annex VI.

Euro VI Step C means *Commission Regulation (EC) No 595/2009 of the European Parliament and of the Council of 18 June 2009 on type-approval of motor vehicles and engines (with respect to emissions from heavy-duty vehicles and access to vehicle repair and maintenance information), together with the technical requirements of Commission Regulation (EU) No 582/2011 of 25 May 2011, incorporating all amendments up to and including those adopted in Commission Regulation (EU) No 627/2014 of 12 June 2014*.

Euro 6d means *Commission Regulation (EC) No 2017/1151 of the European Parliament and of the Council of 1 June 2017 supplementing Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information, amending Directive 2007/46/EC of the European Parliament and of the Council, Commission Regulation (EC) No 692/2008 and*

Commission Regulation (EU) No 1230/2012 and repealing Commission Regulation (EC) No 692/2008, and, meeting the requirements of ‘Euro 6d’ meaning ‘RDE testing against final conformity factors, otherwise full Euro 6 emission requirements’.

Japan 2005 Low Harm means *Japan Safety Regulations for Road Vehicles, Article 31 – Emission Control Device, as revised by the Ministry of Land Infrastructure and Transport Notification No. 1317 of 26 September 2003, as established by the relevant Japan Safety Regulations for Road Vehicles test procedures, technical standards and circulars, as evidenced by the Japanese emissions codes having three characters and starting with the letter ‘D’ and first registered anywhere on or after 1 January 2012.*

Japan 2012m means *Japan Safety Regulations for Road Vehicles, Article 31 – Emission Control Device, as revised by the Ministry of Land Infrastructure and Transport Notification No. 1213 of 28 October 2010, as established by the relevant Japan Safety Regulations for Road Vehicles test procedures, technical standards and circulars, as evidenced by a Japanese three-character emissions code of JBK, EBL, JBH or EBJ.*

Japan 2016 (heavy vehicle regulation) means *Japan Safety Regulations for Road Vehicles, Article 31 – Emission Control Device, as revised by the Ministry of Land Infrastructure and Transport Notification No. 826 of 1 July 2015, as established by the relevant Japan Safety Regulations for Road Vehicles test procedures, technical standards and circulars.*

Japan 2016m means *Japan Safety Regulations for Road Vehicles, Article 31 – Emission Control Device, as revised by the Ministry of Land Infrastructure and Transport Notification No. 826 of 1 July 2015, as established by the relevant Japan Safety Regulations for Road Vehicles test procedures, technical standards and circulars, as evidenced by a Japanese three-character emissions code of 2BK, 2BL, 2BH, or 2BJ.*

Japan 2018 means *Japan Safety Regulations for Road Vehicles, Article 31 – Emission Control Device, as revised by the Ministry of Land Infrastructure and Transport Notification No. 1172 of 31 October 2016, as established by the relevant Japan Safety Regulations for Road Vehicles test procedures, technical standards and circulars as evidenced by a Japanese three-character emissions code starting with the digit 3, 4, 5, 6, or 7 and (in respect of diesel vehicles manufactured on or after 1*

January 2024) including *Japan Safety Regulations for Road Vehicles, Attachment 119 – Technical Standard for On-Road Exhaust Emissions of Diesel-Powered Light- and Medium-Duty Vehicles*, as announced by the Ministry of Land Infrastructure and Transport Announcement no. 528 of 30 March 2018.

Japan 2018 Low Harm means *Japan Safety Regulations for Road Vehicles, Article 31 – Emission Control Device, as revised by the Ministry of Land Infrastructure and Transport Notification No. 1172 of 31 October 2016*, as established by the relevant *Japan Safety Regulations for Road Vehicles* test procedures, technical standards and circulars, as evidenced by a Japanese three-character emissions code of 6AA, 6BA, 6LA, 5AA, 5BA or 5LA, or is an LPG vehicle or CNG vehicle that complies with Japan 2018.

Military vehicle means a vehicle referred to in [regulation 5\(e\)](#) of the Land Transport (Clean Vehicle Standard) Regulations 2022.

UNR49/06(Supp.4) means *UN/ECE Regulation No. 49 Uniform provisions concerning the measures to be taken against the emission of gaseous and particulate pollutants from compression ignition engines and positive ignition engines for use in vehicles, incorporating all amendments up to and including Supplement 4 to the 06 series of amendments*.

UNR83/07 means *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.4) incorporating the 07 series of amendments*.

UNR83/08 means *UN/ECE Regulation No. 83, uniform provisions concerning the approval of vehicles with regard to the emission of pollutants according to engine fuel requirements incorporating the 08 series of amendments together with the requirements of UN/ECE Regulation on Global RDE*.

US 2010m means the *United States Code of Federal Regulations (CFR) Title 40, Part 86, Subpart E, Emission Regulations for 1978 and Later New Motorcycles, General Provisions*, and meeting the requirements of a 2010 and later model year vehicle.

US 2013 means:

- (a) *United States Code of Federal Regulations (CFR Title 40, Part 86 – Control of air pollution from new and in-use*

motor vehicles and new and in-use motor vehicle engines certification and test procedures, Subpart A 40 CFR 86.007-11 Emission standards and supplemental requirements for 2007 and later model year diesel heavy-duty engines and vehicles; or

- (b) *if the document in paragraph (a) is not applicable to the vehicle, United States Code of Federal Regulations (CFR) Title 40, Part 86 – Control of air pollution from new and in-use motor vehicles and new and in-use motor vehicle engines certification and test procedures, Subpart A 40 CFR 86.008-10 Emission standards for 2008 and later model year Otto-cycle heavy-duty engines and vehicles —*

and certificates of conformity issued by the United States Environmental Protection Agency (US EPA) for Model Year 2013 or later for the engine type are acceptable as evidence of compliance.

US Tier 2 means:

- (a) *United States Code of Federal Regulations (CFR) Title 40, Part 86 – Control of air pollution from new and in-use motor vehicles and new and in-use motor vehicle engines certification and test procedures, Tier 2 requirements as specified by Subpart S 86.1811-04 Emission standards for light-duty vehicles, light-duty trucks and medium-duty passenger vehicles; or*
- (b) *United States Code of Federal Regulations (CFR) Title 40, Part 86 – Control of air pollution from new and in-use motor vehicles and new and in-use motor vehicle engines certification and test procedures – Subpart A 40 CFR 86.007-11.*

US Tier 3 means *United States Code of Federal Regulations (CFR) Title 40, Part 86 – Control of air pollution from new and in-use motor vehicles and new and in-use motor vehicle engines certification and test procedures, Tier 3 requirements as specified by Subpart S 86.1811-17 Exhaust Emission standards for light-duty vehicles, light-duty trucks and medium-duty passenger vehicles.*

2.7 Schedule 1 replaced (Approved emissions standards)

Replace Part 3, Schedule 1 Approved emissions standards with the Schedule of this Rule.

Schedule New Schedule 1 of the Principal Rule

Ref: clause 2.7

Schedule 1 Approved emissions standards for entry certification

Table 2A – vehicle exhaust emissions requirements for vehicles of Class MA, MB, MC, MD1, MD2, and NA (except used-import disability vehicles)

Vehicles of Class MA, MB, MC, MD1, MD2, and NA (except used-import disability vehicles)				
Date the vehicle was inspected at the border (for used vehicles) or Date of manufacture (for new vehicles)	Used Petrol, CNG/LPG	Used Diesel	New Petrol, CNG/LPG	New Diesel
For the period ending before 30 April 2024	Euro 4; or US 2004; or Japan 05; or ADR 79/02	Euro 4; or US 2004; or Japan 05; or ADR 30/01 and ADR 79/01	Euro 5; or US 2007; or Japan 05; or ADR 79/04	Euro 5; or US 2007; or Japan 05; or ADR 79/04
For the period starting on 30 April 2024 and ending before 1 July 2027	Euro 5; or US Tier 2; or Japan 2005 Low Harm; or Japan 2018; or ADR 79/04	Euro 5; or US Tier 2; or Japan 09; or ADR 79/04	Euro 5; or US Tier 2; or Japan 2005 Low Harm; or Japan 2018; or ADR 79/04	Euro 5; or US Tier 2; or Japan 09; or ADR 79/04
For the period starting on 1 July 2027 and ending before 1 July 2028	Euro 5; or US Tier 2; or Japan 2005 Low Harm; or Japan 2018; or ADR 79/04	Euro 5; or US Tier 2; or Japan 09; or ADR 79/04	For existing model vehicles Euro 5; or US Tier 2; or Japan 2005 Low Harm; or Japan 2018; or ADR 79/04 For new model vehicles Euro 6d; or US Tier 3; or	For existing model vehicles Euro 5; or US Tier 2; or Japan 09; or ADR 79/04 For new model vehicles Euro 6d; or US Tier 3; or Japan 2018; or UNR83/08

Vehicles of Class MA, MB, MC, MD1, MD2, and NA (except used-import disability vehicles)				
Date the vehicle was inspected at the border (for used vehicles) or Date of manufacture (for new vehicles)	Used Petrol, CNG/LPG	Used Diesel	New Petrol, CNG/LPG	New Diesel
			Japan 2018 Low Harm; or UNR83/08	
For the period starting on 1 July 2028	Euro 6d; or US Tier 3; or Japan 2018 Low Harm; or UNR83/08	Euro 6d; or US Tier 3; or Japan 2018; or UNR83/08	Euro 6d; or US Tier 3; or Japan 2018 Low Harm; or UNR83/08	Euro 6d; or US Tier 3; or Japan 2018; or UNR83/08

Table 2B – vehicle exhaust emissions requirements for vehicles of Class MD3, MD4, ME, NB, and NC

Vehicles of Class MD3, MD4, ME, NB, and NC83/07		
Date the vehicle was inspected at the border (for used vehicles) or Date of manufacture (for new vehicles)	Used	New
For the period ending 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
For the period starting on 30 April 2024 and ending before 1 November 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
For the period starting on 1 November 2024 and ending before 1 November 2025	Euro V; or US Tier 2; or Japan 09; or ADR 80/03	For existing model vehicles Euro V; or US Tier 2; or Japan 09; or ADR 80/03

		For new model vehicles Euro VI step C; or US Tier 3; or US 2013; or Japan 2016; or ADR 80/04; or UNR49/06(Supp.4); or UNR83/07
For the period starting on 1 November 2025	Euro VI step C; or US Tier 3; or US 2013; or Japan 2016; or ADR 80/04; or UNR49/06(Supp.4); or UNR83/07	Euro VI step C; or US Tier 3; or US 2013; or Japan 2016; or ADR 80/04; or UNR49/06(Supp.4); or UNR83/07

Table 2C – vehicle exhaust emissions requirements for used-import disability vehicles of Class MA, MB, MC, MD1, MD2, and NA

Disability Vehicles of Class MA, MB, MC, MD1, MD2, and NA		
Date the vehicle was inspected at the border (for used vehicles) or Date of manufacture (for new vehicles)	Used Petrol, CNG/LPG	Used Diesel
For the period ending before 30 April 2024	Euro 4; or US 2004; or Japan 05; or ADR 79/02	Euro 4; or US 2004; or Japan 05; or ADR 30/01 and ADR 79/01
For the period starting on 30 April 2024 and ending before 1 January 2031	Euro 5; or US Tier 2; or Japan 2005; or ADR 79/04	Euro 5; or US Tier 2; or Japan 2005; or ADR 79/04
For the period starting on 1 January 2031	Euro 6d; or US Tier 3; or	Euro 6d; or US Tier 3; or

	Japan 2018; or UNR83/08	Japan 2018; or UNR83/08
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Table 2D - vehicle exhaust emissions requirements for vehicles of Class LA, LB, LC, LD, and LE

Vehicles of Class LA, LB, LC, LD, and LE		
Date the vehicle was inspected at the border (for used vehicles) or Date of manufacture (for new vehicles)	Used	New
For the period starting on 30 April 2025 and ending before 1 January 2027	Euro 4m; or US 2010m; or Japan 2012m	Euro 4m; or US 2010m; or Japan 2012m
For the period starting on 1 January 2027	Euro 5m; or US 2010m; or Japan 2016m	Euro 5m; or US 2010m; or Japan 2016m