



Fuel Standard (Petrol) Amendment Determination 2008 (No. 1)

Fuel Quality Standards Act 2000

I, PETER ROBERT GARRETT, Minister for the Environment, Heritage and the Arts
make this Determination under section 21 of the *Fuel Quality Standards Act 2000*.

Dated 6 June 2008

PETER ROBERT GARRETT
Minister for the Environment, Heritage and the Arts

1 Name of Determination

This Determination is the *Fuel Standard (Petrol) Amendment Determination 2008 (No. 1)*.

2 Commencement

This Determination commences on the day after it is registered.

3 Amendment of *Fuel Standard (Petrol) Determination 2001*

Schedule 1 amends the *Fuel Standard (Petrol) Determination 2001*.

Schedule 1 Amendments

(section 3)

[1] Section 2A, definition of CAS no.

omit each mention of
substance

insert
parameter

[2] Subsection 3 (1)

omit each mention of
substance

insert
parameter

[3] Subsection 3 (1), table, heading, column 2

omit
substance

insert
parameter

[4] Subsection 3 (1), table, item 8, column 2

omit
Di-isopropropyl

insert
Di-isopropyl

[5] Subsection 3 (1), table, item 9, column 2

omit
tert-butyl

insert
tertiary butyl

[6] After section 3*insert***3A Fuel standard for ethanol**

- (1) For item 6A of the table in subsection 3 (1) this section sets out the parameters for ethanol contained in petrol.
- (2) The ethanol content must not be less than 95.6% volume by volume.
- (3) The ethanol must contain denaturant.
- (4) The denaturant contained in ethanol must be ULP or PULP.
- (5) The denaturant content of the ethanol must be no less than 1% volume by volume and no more than 1.5% volume by volume.
- (6) The ethanol must be clear and bright in appearance, that is, it must be visibly free of suspended or precipitated contaminants.
- (7) The pH value of the ethanol must be no less than 6.5 and no more than 9.0.
- (8) The ethanol must not contain more of a parameter set out in the following table, than the specification for that parameter.

Item	Parameter	Specification
1	Acidity (as acetic acid CH ₃ COOH)	0.007% mass by mass
2	Copper	0.1 mg/kg
3	Inorganic chloride	32 mg/L
4	Methanol	0.5% volume by volume
5	Solvent washed gum	5.0 mg/100 ml
6	Sulfate	4 mg/kg
7	Sulfur	30 mg/kg
8	Water	1.0% volume by volume

[7] Section 4, heading*substitute***4 Testing methods — petrol**

[8] Subsection 4 (1)

omit each mention of
substance or property

insert
parameter

[9] Subsection 4 (1), table, heading, column 2

omit
Substance or parameter

insert
Parameter

[10] Subsection 4 (1), table, item 1A, column 3

omit
ASTM D5880

insert
ASTM D5580

[11] After section 4

insert

4A Testing methods — ethanol

- (1) Compliance with the standard for a parameter set out in section 3A is determined by the testing method for the parameter mentioned in the following table:

Item	Parameter	Testing method
1	Acidity (as acetic acid CH ₃ COOH)	ASTM D1613
2	Appearance	ASTM D4806
3	Copper	ASTM D1688A (as modified in ASTM D4806)
4	Denaturant	ASTM D5501
5	Ethanol	ASTM D5501
6	Inorganic chloride	ASTM D512C (as modified in ASTM D4806)
7	Methanol	ASTM D5501
8	pHe	ASTM D6423
9	Solvent washed gum	ASTM D381

Item	Parameter	Testing method
10	Sulfate	ASTM D4806 Annex 1
11	Sulfur	ASTM D5453
12	Water	ASTM E203

- (2) For subsection (1), **ASTM**, followed by an alphanumeric code, means the testing method, as in force on 1 January 2007, developed by ASTM International under that alphanumeric code.