Fuel Standard (Biodiesel) Amendment Determination 2009 (No. 1)[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 February 2009

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

1 Name of Determination

This Determination is the *Fuel Standard (Biodiesel) Amendment Determination 2009 (No. 1).*

2 Commencement

This Determination commences on the day after it is registered.

3 Amendment of *Fuel Standard (Biodiesel) Determination 2003*

Schedule 1 amends the *Fuel Standard (Biodiesel) Determination 2003*.

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Schedule 1 Amendments

(section 3)

[1] Section 3, definition of *Energy Institute*

omit

[2] Subsection 4 (1), table, item 4

omit

4	Carbon residue — 10% distillation residue; or	0.30% mass	18 September 2003
	Carbon residue — 100% distillation sample	0.050% mass	18 September 2003

insert

4	Carbon residue — 10% distillation residue	0.30% mass	18 September 2003

[3] Subsection 4 (2), table, item 9

substitute

9	Cetane number; or	51.0 (min)	18 September 2005
	Derived cetane number	51.0 (min)	1 March 2009

[4] Section 5

substitute

5 Testing methods

(1) Compliance with the standard set out in section 4 for the substance or property is determined by the testing method, as existing on the commencement of the *Fuel Standard (Biodiesel) Amendment Determination 2009 (No. 1)*, for the substance or property in the following table.

Item	Substance or property	Testing method
1	Acid value	ASTM D664
2	Methanol	EN 14110
3	Carbon residue — 10% distillation residue	ASTM D4530
4	Cetane number	ASTM D613
5	Derived cetane number	ASTM D6890
6	Contamination (total)	EN 12662

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Item	Substance or property	Testing method
7	Copper strip corrosion	(a) for specification Class 1 (max) — EN ISO 2160 or ASTM D130 (b) for specification No. 3 (max) — ASTM D130
8	Density	ASTM D1298
9	Distillation T90	ASTM D1160
10	Ester content	EN 14103
11	Flashpoint	ASTM D93
12	Glycerol (free)	ASTM D6584
13	Glycerol (total)	ASTM D6584
14	Metals — Group I (Na, K)	EN 14538
15	Metals — Group II (Ca, Mg)	EN 14538
16	Oxidation stability	prEN 15751 or EN 14112
17	Phosphorus	EN 14107
18	Sulfur	ASTM D5453
19	Sulfated ash	ASTM D874
20	Viscosity	ASTM D445
21	Water and sediment	ASTM D2709

(2) For subsection (1):

(a) ***ASTM*** followed by an alphanumeric code means the testing method developed by ASTM International under the alphanumeric code; and

(b) ***prEN***, ***EN*** and ***EN ISO*** followed by a number means the testing method developed by the European Committee for Standardization (CEN) under the code and number.

(3) For item 10 of the table in subsection (1), if biodiesel contains C-17-methyl esters, the ester content may be measured by using the modified procedure set out in S. Schober, I. Seidl and M. Mittelbach, 'Ester content evaluation in biodiesel from animal fats and lauric oils', *European Journal of Lipid Science and Technology*, vol 108, issue 4, 2006, pp 309–314.

Note

1. All legislative instruments and compilations are registered on the Federal Register of Legislative Instruments kept under the *Legislative Instruments Act 2003*. See http://www.frli.gov.au.