



# Fuel Standard (Diesel) Determination 2001

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

Dated 12 August 2001

ROBERT HILL  
Minister for the Environment and Heritage

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## 1 Name of Determination

This Determination is the *Fuel Standard (Diesel) Determination 2001*.

## 2 Commencement

This Determination commences on 1 January 2002.

## 3 Fuel standard for diesel

- (1) Diesel that contains a substance mentioned in the following table must not contain more than the amount mentioned for the substance from the date mentioned for the substance.

Item	Substance	Amount	Date
1	Sulfur	500 mg/kg	31 December 2002
2	Sulfur	50 mg/kg	1 January 2006
3	Ash and suspended solids	100 mg/kg	1 January 2002
4	PAH (Polycyclic aromatic hydrocarbons)	11% mass by mass	1 January 2006

### Section 3

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- (2) The distillation temperature at which 95% of diesel has evaporated must occur:
  - (a) from 1 January 2002 — below 371°C; and
  - (b) from 1 January 2006 — below 361°C.
- (3) The cetane index of diesel must be at least 46.
- (4) The density of diesel must be at least 820 kg/m<sup>3</sup> and not more than:
  - (a) from 1 January 2002 — 860 kg/m<sup>3</sup>; and
  - (b) from 1 January 2006 — 850 kg/m<sup>3</sup>.
- (5) The viscosity of diesel must be at least 2.0 cSt, and not more than 4.5 cSt, at 40°C.