



Australian Government

Department of the Environment and Heritage



Fuel Quality Standards Act 2000

CLEAN FUELS BULLETIN

March 2004

Post 2006 Vehicle and Fuel Standards

As reported in the December 2003 Clean Fuels Bulletin, submissions on the Draft Regulation Impact Statement (RIS) for Vehicle Emissions and Fuel Quality Standards for Post 2006 were due on 12 March 2004.

The Draft RIS was released by Motor Vehicle Environment Committee (MVEC) in December 2003 on their web-site at <http://www.ephc.gov.au/mvec/>. Any outstanding submission should be provided electronically to Jens.Light@deh.gov.au as soon as possible to allow its proper consideration by MVEC.

Review of the Fuel Quality Standards Act 2000

Section 72 of the *Fuel Quality Standards Act 2000* requires that the first review of the operation of the Act must be undertaken as soon as possible after the second anniversary of the commencement of Part 2 of the Act, that is, two years from 1 January 2002.

The Minister for the Environment and Heritage has appointed Dr Brian Robinson AM as chair of a Review Panel. The Review Panel is responsible for ensuring that the two consultants selected for this important task comprehensively address the requirements of the review. Representatives of the Department of the Environment and Heritage, the Department of Industry Tourism and Resources, and the Australian Government Solicitor have been appointed to the Review Panel.

The review will examine the operation of the Act. It will focus on the impacts of the Act on stakeholders, and the effectiveness of provisions relating to the level of compliance and enforcement.

Fuel standards, or fuel quality information standards that have been made under the Act, will not be examined during the review.



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Advertisements placed in the national press on Saturday 21 and Monday 23 February 2004, invite written submissions from interested stakeholders.

Written submissions can be forwarded to Ms Susan Levett, Clean Fuels and Vehicles Section, Department of the Environment and Heritage, GPO Box 787, Canberra ACT 2601, or emailed to fuel.quality@deh.gov.au.

Written submissions must be received by 5pm on Friday 23 April 2004.

Approvals Granted under the Act

No new approvals have been granted since the previous Clean Fuels Bulletin, but the Minister has made the following amendments to existing approvals:

- Leaded fuel approval granted to race engine builders/tuners (dynotuners) on 6 December 2002 → list of regulated persons extended and more dynotuners included on 5 March 2004.
- Leaded fuel approval granted to motor and water sport organisations on 6 December 2002 → list of regulated persons extended on 5 March 2004.

New Appointee to Fuel Standards Consultative Committee (FSCC)

The Minister for the Environment and Heritage recently appointed Mr John Bortolussi to the FSCC as a representative of the Truck Industry Council (TIC). The appointment took effect on 3 February 2004.

Mr Bortolussi is the Chief Technical Officer of Cummins South Pacific. Members of the TIC include Arvin Meritor, Caterpillar of Australia P/L, Cummins Engine Company P/L, Daimler Chrysler Australia P/L, Dana Australia P/L, Eaton P/L, Hino Motor Sales P/L, Isuzu General Motors Australia P/L, Iveco Trucks Australia P/L, Mack Trucks Australia P/L, Mitsubishi Truck Australia P/L, MTU Detroit Diesel Australia, Scania Australia P/L, UD Trucks (Oceania) P/L, Volvo Trucks Australia P/L.

New Standards Implemented

Labelling requirements on **ethanol blended petrol** came into effect on 1 March 2004. The label allows consumers to make informed decisions as to whether the petrol they are buying is suitable for the purposes for which it is bought.

More information on the labelling requirement is available at:
<http://www.deh.gov.au/atmosphere/ethanol/index.html#labelling>

Also on 1 March 2004, the Fuel Quality Standard for **Liquefied Petroleum Gas** (Autogas) came into effect.

The Fuel Standard (Autogas) Determination 2003 is available at:
<http://www.deh.gov.au/atmosphere/lpg/determination.html>.

The standard specifies the physical and chemical parameters which must be met before Liquefied Petroleum Gas can be supplied for motor vehicle use in Australia.

National In-Service Emissions (NISE2) Study

In February 2004 the Department of the Environment and Heritage advertised *RFT 13/2004 – Sample Design and Data Analysis*. This contract is the first of five that will be let to complete the second **National In-Service Emissions (NISE 2) study**.

NISE 2 will consist of two phases: a Preliminary Phase to establish an Australian drive cycle for light duty petrol vehicles; and a Main Phase testing vehicles to establish the current emissions performance of light duty petrol vehicles.

The NISE 2 Preliminary Phase will establish:

- an Australian composite urban emissions drive cycle (CUEDC) for light duty petrol vehicles;
- a short test, of no longer than 4 minutes, which can provide a reliable measure of emissions performance; and
- the degree of correlation between vehicle emissions measured using the derived CUEDC drive cycle, the short drive cycle, the ADR37 drive cycle and the IM240 drive cycle.

The principal focus for the Preliminary Phase of NISE 2 is to develop and validate reliable emission tests for light duty petrol vehicles, based on "real world" driving patterns. These tests will be used, along with the standard certification tests, in the subsequent Main Phase, to estimate the emissions performance of the current in-service light duty petrol vehicle fleet. The Preliminary Phase will provide the basic tools for use in the Main Phase to generate a more accurate and representative measure of the actual amount of pollutants emitted from the Australian light duty petrol vehicle fleet, by testing vehicles over a vehicle driving cycle based on actual Australian on-road conditions and driving patterns.

The Main Phase of NISE 2 will follow the Preliminary Phase, and will:

- establish the current emissions performance of light duty petrol vehicles built in the period 1986-2002 through vehicle testing on a range of emissions tests;
- compare the emissions performance with original ADR requirements; and
- compare emissions performance of the current vehicle population with that of the vehicle sample tested in the NISE 1 study.

Further information relating to NISE 2 and tender documentation for RFT 13/2004 - Sample Design and Data Analysis can be found at:

<http://www.deh.gov.au/atmosphere/cleaner-fuels/emissions/index.html>

CONTACT DETAILS

For more information about any of the information in this Bulletin, please contact:

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