Fuel Standard (Autogas) Determination 2003

as amended

made under section 21 of the

Fuel Quality Standards Act 2000

This compilation was prepared on 31 October 2014
taking into account amendments up to *Fuel Standard (Autogas) Amendment Determination 2013*

Prepared by the Department of the Environment

1 Name of Determination

This Determination is the *Fuel Standard (Autogas) Determination 2003*.

2 Commencement

This Determination commences on 1 March 2004.

3 Interpretation

(1) In this Determination:

autogas means liquefied petroleum gas that is supplied or represented as fuel suitable for motor vehicles but excludes liquefied petroleum gas supplied in cylinders.

(2) A reference in this Determination to ***ASTM International***, ***European Committee for Standardisation (CEN)***, ***International Organization for Standardization (ISO)*** and ***Japan LP Gas Association*** is a reference to the standards development organisation of that name.

4 Fuel standards for autogas

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

Item	Substance	Amount
1	Dienes	0.3% (molar)
2	Residue on evaporation	60 mg/kg
3	Sulfur (after stenching)	50 mg/kg
4	Volatile residues (C5s and higher)	2.0% (molar)

(2) The standard for the presence of hydrogen sulfide in autogas is that the autogas tested must be 'hydrogen sulfide negative' within the meaning of the testing method mentioned for hydrogen sulfide in section 5.

(3) A property of autogas mentioned in the following table must meet the specification mentioned for the property.

Item	Property	Specification
1	Copper strip corrosion	Class 1
2	Water	No free water at 0°C
3	Motor octane number	90.5 minimum
4	Odour	Detectable in air at 20% lower flammability limit
5	Vapour pressure (gauge) at 40°C	800 kPa minimum 1 530 kPa maximum

5 Testing methods

(1) Compliance with the standard set out in section 4 for the substance or property is determined by the testing method for the substance or property in the following table:

Item	Substance or property	Testing method
1	Copper strip corrosion	EN ISO 6251
2	Dienes	ISO 7941
3	Hydrogen sulfide	EN ISO 8819
4	Water	EN 589:2004
5	Motor octane number	Composition by ISO 7941 Calculation by EN 589 Annex B
6	Odour	EN 589:2008 Annex A
7	Residue on evaporation	JLPGA-S-03 by mass method at 105°C
8	Sulfur	ASTM D6667
9	Vapour pressure	ISO 8973
10	Volatile residues (C5s and higher)	ISO 7941

(2) For subsection (1):

ASTM followed by an alphanumeric code means the testing method developed by ASTM International under the alphanumeric code.

EN or ***EN ISO*** followed by a number means the testing method developed by the European Committee for Standardisation (CEN) under the code and number.

ISO followed by a number means the testing method developed by the International Organization for Standardization (ISO) under the code and number.

JLPGA followed by an alphanumeric code means the testing method by mass developed by the Japan LP Gas Association under the alphanumeric code.

Notes to the *Fuel Standard (Autogas) Determination 2003*

Note 1

The *Fuel Standard (Autogas) Determination 2003* (in force under section 21 of the *Fuel Quality Standards Act 2000*) as shown in this compilation is amended as indicated in the Table below.

Table of Instruments

Title	Date of notification in *Gazette* or FRLI registration	Date of commencement	Application, saving or transitional provisions
Fuel Standard (Autogas) Determination 2003	23 Dec 2003 (F2006B01378)	1 March 2004	
Fuel Standard (Autogas) Amendment Determination 2013	12 Jul 2013 (F2013L01364)	Sections 1-4 and Schedule 1 – 13 July 2013; Schedule 2 – 1 December 2013	

Table of Amendments

ad. = added or inserted am. = amended rep. = repealed rs. = repealed and substituted

Provision affected	How affected
S. 4	am. F2013L01364
S. 5	am. F2013L01364