#### **EXPLANATORY MEMORANDUM TO**

# THE SMOKE CONTROL AREAS (EXEMPTED FIREPLACES) (WALES) ORDER 2008

This explanatory memorandum has been prepared by the Department for Environment, Sustainability and Housing and is laid before the National Assembly for Wales in accordance with Standing Order 24.1.

# (i) Description

This Order revokes and replaces with amendments the Smoke Control Areas (Exempted Fireplaces) (Wales) Order 2006 (S.I. 2006/2980) (W.271). This Order allows the use (subject to strict conditions) of a number of wood burning boilers and stoves capable of smokeless operation within smoke control areas. These fireplaces do not burn the fuels generally authorised for use in such areas, and consequently have been assessed and are considered to be capable of meeting, or have met, the requirements of BS PD 6434.

## (ii) Matters of special interest to the Subordinate Legislation Committee

None.

# (iii) Legislative Background

The power enabling this Instrument to be made is contained in Section 21 and Section 62 of the Clean Air Act 1993.

The SI follows the negative resolution procedure.

#### (iv) Purpose and intended effect of the legislation

Section 18 of the Clean Air Act 1993 enables local authorities to declare the whole or part of their area as a smoke control area by making a "smoke control order". In Wales there are currently four partial smoke control areas in Flintshire, Newport, Swansea and Wrexham. Section 20 of the Act places a general prohibition on the emission of smoke in smoke control areas. However, anyone burning fuel in a smoke control area can avoid contravention of the Act by either using an authorised fuel (not relevant here), or by using an "exempted fireplace". "Fireplace" is defined by the Clean Air Act 1993 as including any open or closed stoves or furnaces as well as grates. Section 21 of the Act enables exemptions to be made, by order, of classes of fireplaces from the prohibition of smoke emissions if they are capable of burning fuels without producing any smoke or substantial quantities of smoke.

It follows from this that a person using an exempted fireplace can be confident (so long as they comply with any conditions of use imposed by the order) that they will not contravene the Clean Air Act 1993. It is not automatically unlawful

to use a non-exempted fireplace in a smoke control area, but anyone doing so is at risk of prosecution if it emits any smoke. This means that, in practice, coal, oil and wood cannot be used as fuel in a smoke control area unless burnt on an exempted fireplace. The power to exempt is devolved to the Welsh Ministers.

Following the specified tests by the Welsh Assembly Government's preferred testing centre, AEA Energy & Environment; it is proposed to add the following classes of fireplaces to those which are already exempted:

Classes of Fireplaces	Conditions		
Binder wood fired boiler models RRK 22-49 (49 kW output) manufactured by Binder Gesellschaft mit beschrankter Haftung (GmbH) of Austria	The manufacturers' and Wood Energy Limited's instructions 'Binder Equipment Installation, Commissioning and Maintenance' dated 17 May 2005, reference WELBinderManualrevO.doc, revision O		
	2. no fuel shall be used other than wood chips or wood pellets, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.		
The Binder wood fired boiler models RRK 80-175 (75-149 Kw output) with cyclone models ZA 80-175 manufactured by Binder Gesellschaft mit beschrankter Haftung (GmbH) of Austria	<ol> <li>The manufacturers' and Wood Energy Limited's instructions 'Binder Equipment Installation, commissioning and Maintenance' dated 17 May 2005, reference WELBinderManualrev0.doc, revision 0</li> <li>no fuel shall be used other than wood chips or wood pellets, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.</li> </ol>		
The Binder wood fired boiler model RRK 130-250 (185-230 kW output) RRK 200-350 (250-300 Kw output) RRK 400-600 (350-500 Kw output) and RRK 640-850 (650-840 Kw output) with cyclone model type ZA manufactured by Binder Gesellschaft mit beschrankter Haftung (GmbH) of Austria	<ol> <li>The manufacturers' and Wood Energy Limited's instructions 'Binder Equipment Installation, Commissioning and Maintenance' dated 17 May 2005, reference WELBinderManualrev0.doc, revision 0.</li> <li>no fuel shall be used other than wood chips or wood pellets, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain</li> </ol>		

The Binder wood fired boiler model RRK 1000 (1200 Kw output) with multi cyclone model MZA manufactured by Binder Gesellschaft mit beschrankter Haftung (GmbH) of Austria	halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.  1. The manufacturer's and Wood Energy Limited's instructions 'Binder Equipment Installation, Commissioning and Maintenance' dated 17 May 2005, reference WELBinderManualrev0.doc, revision 0.  2. no fuel shall be used other than wood chips or wood pellets, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
Biomatic 220 and 250 fitted with Zyklovent 220-250 cyclone separator manufactured by HERZ Armaturen Ges.m.b.H, Geschäftsbereich HERZ, Feuerungstechnik, A-8272 Sebersdorf 138, Austria.	<ol> <li>The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's instructions dated April 2005, reference Bedienungsanleitung Englisch v2.0 doc.</li> <li>No fuel shall be used other than wood chips, wood pellets, or planed wood shavings, but excluding any such pellets, chips or shavings (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.</li> </ol>
Biomatic 300, 350, 400 and 500 fitted with Zyklovent 300-500 cyclone separator manufactured by HERZ Armaturen Ges.m.b.H, Geschäftsbereich HERZ, Feuerungstechnik, A-8272 Sebersdorf 138, Austria.	<ol> <li>The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's instructions dated April 2005, reference Bedienungsanleitung Englisch v2.0 doc.</li> <li>No fuel shall be used other than wood chips, wood pellets, or planed wood shavings, but excluding any such pellets, chips or shavings (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.</li> </ol>
The Clearview Pioneer 400, Solution 400 and Pioneer Oven wood burning stoves fitted with a tamperproof mechanical stop on	The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's instructions "Operating Instructions Clearview Vision/Vision

the air slide/damper manufactured Inset/Pioneer & Solution" dated 1st July 2006, by Clearview Stoves of More reference V1/42, stamped and signed "Smoke Works, Bishops Castle, Control". Shropshire, SY9 5HH. 2. No fuel shall be used other than air-dried wood logs, but excluding any such logs (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings. 1. The manufacturer's instructions dated 5 The Dunsley Yorkshire Stove, August 1998, reference A/22160 as manufactured by Dunsley Heat Limited. amended by those dated 4 December 2004, reference D13. 2. no fuel shall be used other than untreated dry wood, peat or peat briquettes with, in either case, less than 25 % moisture, Union Coal Briketts, manufactured by Rheinbraun AG of Germany comprising lignite compressed into briquettes of approx. 15cm in length with square ends and with a sulphur content not exceeding 1% of the total weight, CPL wildfire, manufactured by Coal Products Ltd., Immingham, which comprise bituminous coal with a volatile content of 32-36% 9 as to approx. 96% of the total weight) and a cold cure resin binder 9as to the remaining weight) are manufactured from those constituents by a process involving roll pressing, have an average weight of either 80-90 grams or 160-170 grams, and have a sulphur content not exceeding 1.8% of the total weight. The Dunsley Yorkshire Multifuel 1. The manufacturer's instructions dated 5 Stove manufactured by Dunsley August 1998, reference A/22160 as Heat Limited. amended by those dated 4 December 2004, reference D13. 2. no fuel shall be used other than untreated dry wood, peat or peat briquettes with, in either case, less than 25 % moisture, Union Coal Briketts, manufactured by Rheinbraun AG of Germany comprising lignite compressed into briquettes of approx. 15cm in length with square ends and with a sulphur content not exceeding 1% of the total weight. CPL wildfire. manufactured by Coal Products Ltd., Immingham, which comprise bituminous

	coal with a volatile content of 32-36% (as to approx. 96% of the total weight) and a cold cure resin binder (as to the remaining weight) are manufactured from those constituents by a process involving roll pressing, have an average weight of either 80-90 grams or 160-170 grams, and have a sulphur content not exceeding 1.8% of the total weight.
The Dunsley Yorkshire Multifuel Stove and Boiler manufactured by Dunsley Heat Limited.	<ol> <li>The manufacturer's instructions dated 5         August 1998, reference A/22160 as         amended by those dated 4 October 2004,         reference GHD/DUN4B/1.</li> <li>no fuel shall be used other than untreated         dry wood, peat or peat briquettes with, in         either case, less than 25 % moisture,         Union Coal Briketts, manufactured by         Rheinbraun AG of Germany comprising         lignite compressed into briquettes of         approx. 15cm in length with square ends         and with a sulphur content not exceeding         1% of the total weight, CPL wildfire,         manufactured by Coal Products Ltd.,         Immingham, which comprise bituminous         coal with a volatile content of 32-36% (as         to approx. 96% of the total weight) and a         cold cure resin binder (as to the         remaining weight) are manufactured from         those constituents by a process involving         roll pressing, have an average weight of         either 80-90 grams or 160-170 grams,         and have a sulphur content not exceeding         1.8% of the total weight.</li> </ol>
The Dunsley Yorkshire Woodburning Stove manufactured by Dunsley Heat Limited.	<ol> <li>The manufacturer's instructions dated 4         December 2004, reference D13W.</li> <li>No fuel shall be used other than         untreated dry wood, but excluding any         such wood which contains halogenated         organic compounds or heavy metals as a         result of treatment with wood         preservatives or coatings.</li> </ol>
The Dunsley Yorkshire Woodburning Stove and Boiler manufactured by Dunsley Heat Limited.	<ol> <li>The manufacturer's instructions dated 4         December 2004, reference D13W,         together with the manufacturer's         instructions dated 4 October 2004         reference GHD/DUN4B/1.</li> <li>No fuel shall be used other than         untreated dry wood, but excluding any         such wood which contains halogenated</li> </ol>

	organic compounds or heavy metals as a
	result of treatment with wood
	preservatives or coatings.
The Extraflame:	1. The fireplaces shall be installed, maintained
Babyfiamma	and operated in accordance with the
Bella and Bella Lux	manufacturer's operating instructions dated 5th
Clementina	March 2007, reference 004275101 011.
Comfort Maxi	
Contessa	2. No fuel shall be used other than wood
Divina, Divina Plus and Divina	pellets, but excluding any such pellets (in
Steel	particular those originating from construction
Duchessa and Duchessa Steel	and demolition waste) which contain
	· · · · · · · · · · · · · · · · · · ·
Ecologica	halogenated organic compounds or heavy
Esmeralda and Esmeralda Crystal	metals as a result of treatment with wood
Falò 1CP, Falò 2CP and Falò 1XP	preservatives or coatings.
Isabella	
Karolina	
Preziosa	
all of which are manufactured by	
Extraflame S.p.a in Montecchio	
Precalcino (Vicenza), Italy.	
The Extraflame Comfort Mini	1. The fireplaces shall be installed, maintained
manufactured by Extraflame S.p.a	and operated in accordance with the
in Montecchio Precalcino	manufacturer's operating instructions dated 2nd
(Vicenza), Italy.	October 2006, reference 004275115 REV 005.
(11001120); 11011	
	2. No fuel shall be used other than wood
	pellets, but excluding any such pellets (in
	particular those originating from construction
	and demolition waste) which contain
	,
	halogenated organic compounds or heavy
	metals as a result of treatment with wood
The Foundamental	preservatives or coatings.
The Extraflame Idro	1. The fireplaces shall be installed, maintained
	and operated in accordance with the
manufactured by Extraflame S.p.a	manufacturer's operating instructions dated 28th
in Montecchio Precalcino	August 2006, reference 004275128 REV 002.
(Vicenza), Italy.	
	2. No fuel shall be used other than wood
	pellets, but excluding any such pellets (in
	particular those originating from construction
	and demolition waste) which contain
	halogenated organic compounds or heavy
	metals as a result of treatment with wood
	preservatives or coatings.
The Extraflame Lucrezia Idro and	The fireplaces shall be installed, maintained
Lucrezia Steel	and operated in accordance with the
24010214 01001	manufacturer's operating instructions dated 12th
manufactured by Extraflama S n a	, -
manufactured by Extraflame S.p.a	July 2006, reference 004275110 REV 011.

in Montecchio Precalcino	
(Vicenza), Italy.	2. No fuel shall be used other than wood
	pellets, but excluding any such pellets (in particular those originating from construction
	and demolition waste) which contain
	halogenated organic compounds or heavy
	metals as a result of treatment with wood preservatives or coatings.
Firematic 25, 50, 90 and 150 manufactured by HERZ	The fireplaces shall be installed, maintained and operated in accordance with the
Armaturen Ges.m.b.H, Geschaftsbereich HERZ, Feuerungstechnik, A-8272	manufacturer's instructions dated June 2005, reference Bedienungsanleitung Firematic V 1.1 ENG doc.
Sebersdorf 138, Austria.	2. No fuel shall be used other than chipped
	wood, wood pellets, or planed wood shavings,
	but excluding any such pellets, chips or
	shavings (in particular those originating from construction and demolition waste) which
	contain halogenated organic compounds or
	heavy metals as a result of treatment with wood
Fröling Turbomat 150 and 220	preservatives or coatings.  1. The fireplaces shall be installed, maintained
manufactured by Fröling	and operated in accordance with the
Heizkessel- und Behälterbau	manufacturer's instructions dated August 2003,
Ges.m.b.H., Industriestraße 12, A-4710 Grieskirchen,	reference B0310003.
Austria	2. No fuel shall be used other than wood
	pellets, or wood chips, but excluding any such pellets or chips (in particular those originating
	from construction and demolition waste) which
	contain halogenated organic compounds or
	heavy metals as a result of treatment with wood preservatives or coatings.
Fröling Turbomat 320 and 500	The fireplaces shall be installed, maintained
manufactured by Fröling	and operated in accordance with the
Heizkessel- und Behälterbau	manufacturer's instructions dated November
Ges.m.b.H., Industriestraße 12, A-4710 Grieskirchen,	2004, reference B0340004.
Austria	2. No fuel shall be used other than wood
	pellets, or wood chips, but excluding any such
	pellets or chips (in particular those originating from construction and demolition waste) which
	contain halogenated organic compounds or
	heavy metals as a result of treatment with wood
Gilles HPK-RA 13kW, 15	preservatives or coatings.  1. The fireplaces shall be installed, maintained
kW, 20 kW, 25 kW, 30 kW,	and operated in accordance with the
35 kW, 40 kW, 45 kW, 49	manufacturer's instructions dated January 2007,
kW, 60 kW, 70 kW, 75 kW,	reference Gilles/0-145/1.

85 kW, 95 kW, 100 kW, 120kW and 145 kW Manufactured by GILLES Energie- und Umwelttechnik GmbH, Koaserbauer Str. 16 A-4810 Gmunden. Austria	2. No fuel shall be used other than wood pellets, or wood chips, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
Gilles HPK USK 150kW, 180kW, 240kw and 300kW Manufactured by GILLES Energie- und Umwelttechnik GmbH, Koaserbauer Str. 16 A-4810 Gmunden. Austria	<ol> <li>The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's instructions dated January 2007, reference Gilles/150-300/1.</li> <li>No fuel shall be used other than wood pellets, or wood chips, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.</li> </ol>
Gilles HPK USK 360 kW manufactured by GILLES Energie-und Umwelttechnik GmbH. Koaserbauer Str.16 A- 4810 Gmunden, Austria.	<ol> <li>The manufacturer's operating instructions reference Gilles 360/1 dated January 2008.</li> <li>No fuel shall be used other than wood pellets or wood chips, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.</li> </ol>
The Hoval BioLyt 50 Wood Pellet Boiler (49kW thermal output) manufactured by in Slovakia by Hoval of the Principality of Liechtenstein.	<ol> <li>The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's technical information and installation instructions dated October 2005, reference 4 204794/00 and operating instructions dated January 2006, reference 4 204 793/01.</li> <li>No fuel shall be used other than wood pellets, but excluding any such pellets (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.</li> </ol>
The Hoval BioLyt 50 and 70 models manufactured by Hoval	1. The fireplaces shall be installed, maintained and operated in accordance with the

AG, Austrasse 70, 9490 Vaduz, Liechtenstein.	manufacturer's installation and operation manual dated June 2007, reference 4 204 794/01 and 4 204 793/02.
The Hoval AgroLyt 20, 25, 35, 45, and 50 manufactured by Hoval AG, Austrasse 70, 9490 Vaduz, Liechtenstein.	<ol> <li>No fuel shall be used other than 6mm diameter wood pellets, but excluding any such pellets which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.</li> <li>The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's technical information and installation instructions dated January 2006, reference 4 205 194/00 and 4 205 193/00 dated June 2006.</li> </ol>
	2. No fuel shall be used other than Wood logs with less than 20% moisture, but excluding any such logs which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Hoval STU 150, 200, 250,300, 350, 425 and 500 manufactured by Hoval UK Ltd, Northgate, Newark-on-Trent, Nottinghamshire, NG24 1JN	1. The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's technical information and installation instructions dated November 2007, reference STUman/01.
	2. No fuel shall be used other than 6mm diameter wood pellets, but excluding any such pellets which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Hwam Beethoven and Hwam Beethoven H (4.5kW nominal thermal output) fitted with mechanism to prevent closure of the air wash/secondary air control manufactured by HWAM Heat	1. The fireplaces shall be installed, maintained and operated in accordance with Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference IN1141 Ed B.
Design AS Nydamsvej 53, 8362 Hørning, Denmark.	2. No fuel shall be used other than untreated dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings
The Hwam Mozart (4.5Kw nominal thermal output) fitted with mechanism to prevent closure of the air wash/secondary air control manufactured by HWAM Heat Design AS Nydamsvej 53, 8362	1. The fireplaces shall be installed, maintained and operated in accordance with Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference IN1141 Ed B.
Hørning, Denmark.	2. No fuel shall be used other than untreated

	dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Hwam Ravel (4.5kW nominal thermal output) fitted with mechanism to prevent closure of the air wash/secondary air control manufactured by HWAM Heat Design AS Nydamsvej 53, 8362	1. The fireplaces shall be installed, maintained and operated in accordance with Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference IN1141 Ed B.
Hørning, Denmark.	2. No fuel shall be used other than untreated dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings
The Hwam Vivaldi (4.5kW nominal thermal output) fitted with mechanism to prevent closure of the air wash/secondary air control manufactured by HWAM Heat Design AS Nydamsvej 53, 8362	1. The fireplaces shall be installed, maintained and operated in accordance with Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference IN1141 Ed B.
Hørning, Denmark.	2. No fuel shall be used other than untreated dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Hwam 30 (4.5kW nominal thermal output) fitted with mechanism to prevent closure of the air wash/secondary air control manufactured by HWAM Heat Design AS Nydamsvej 53, 8362	1. The fireplaces shall be installed, maintained and operated in accordance with Euroheat Distributors (HBS) Limited's operational instructions dated November 2006, reference IN1141 Ed B.
Hørning, Denmark.	2. No fuel shall be used other than untreated dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
KWB TDS Powerfire 150 manufactured by KWB – Kraft und Wärme aus Biomasse Gesellschaft mit Beschränkter Haftung (GmbH) of	1. The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's instructions dated August 2005, reference BA TDS– 0805.
Industriestrasse 235, A-8321 St. Margarethen an der Raab.	2. No fuel shall be used other than wood pellets or wood chips, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Little Thurlow wood burning	The fireplaces shall be installed, maintained

stove manufactured by Town and and operated in accordance with the Country Fires Pickering, North manufacturer's instructions dated 30th June Yorkshire. 2007, issue No. 3. 2. No fuel shall be used other than seasoned logs of less than 20 per cent moisture and of a maximum length of 350mm, but excluding any such logs (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings. The Morsø 1400 series consisting 1. The fireplaces shall be installed, maintained of the 1412 and 1442 models and operated in accordance with the manufacturer's instructions dated 10 January manufactured by Morsø Jernstøberi A/S DK-7900 2008, reference 72146800. Nykøbing, Mors, Denmark 2. No fuel shall be used other than wood logs with less than 20 per cent moisture, but excluding any such logs (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings. 1. The fireplaces shall be installed, maintained The Morsø 3100 series consisting of the 3112 and 3142 models and operated in accordance with the manufactured by Morsø manufacturer's instructions dated 4 February Jernstøberi A/S DK-7900 2008, reference 72311200. Nykøbing, Mors, Denmark 2. No fuel shall be used other than wood logs with less than 20 per cent moisture, but excluding any such logs (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings. 1. The fireplaces shall be installed, maintained The Morsø 6140 series consisting of the 6140 and 6148 models and operated in accordance with the manufactured by Morsø manufacturer's instructions dated 4 September Jernstøberi A/S DK-7900 2007, reference 72610400. Nykøbing, Mors, Denmark 2. No fuel shall be used other than wood logs with less than 20 per cent moisture, but excluding any such logs (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings. The Morsø Owl 3410, 3420 and 1. The fireplaces shall be installed, maintained

3440 for wood burning and operated in accordance with the manufactured by Morsø manufacturer's instructions dated 1st January Jernstøberi A/S, Denmark. 2000, reference 72345600. 2. No fuel shall be used other than untreated dry wood which has been split, stacked and air dried; or air dried wood briquettes, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.. 1. The fireplaces shall be installed, maintained The Nestor Martin Harmony Multi-Fuel Stove H13 (3.5kW nominal and operated in accordance with Euroheat thermal output) and H33 (8kW Distributors (HBS) Limited's operational nominal thermal output) instructions dated January 2007, reference manufactured by Nestor Martin, S IN1116 Edition D. A Finuick Nv, Voie Axiale 5, B-5660 Couvin, Belgium. 2. No fuel shall be used other than untreated dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings... 1. The fireplaces shall be installed, maintained The Nestor Martin Harmony Multi-Fuel Stove H23 (6kW nominal and operated in accordance with Euroheat thermal output) manufactured by Distributors (HBS) Limited's operational Nestor Martin, S A Finuick Nv, instructions dated November 2006, reference Voie Axiale 5, B-5660 Couvin, IN1141 Ed B. Belgium. 2. No fuel shall be used other than untreated dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings. 1. The fireplaces shall be installed, maintained The Nestor Martin Stanford Multi-Fuel Stove S13, S23 and SP23 and operated in accordance with Euroheat (6kW nominal thermal output) Distributors (HBS) Limited's operational instructions dated November 2006, reference manufactured by Nestor Martin, S A Finuick Nv, Voie Axiale 5, B-IN1141 Ed B. 5660 Couvin, Belgium. 2. No fuel shall be used other than untreated dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings... The Nestor Martin Stanford Multi-1. The fireplaces shall be installed, maintained and operated in accordance with Euroheat Fuel Stove S13 (3.5kW nominal thermal output), S33 and SP33 Distributors (HBS) Limited's operational instructions dated January 2007, reference (8kW nominal thermal output) manufactured by Nestor Martin, S IN1116 Edition D.

A Finuick Nv, Voie Axiale 5, B-

	1	
The Nestor Martin R23 Stove (6kW nominal thermal output) manufactured by Nestor Martin, S A Finuick Nv, Voie Axiale 5, B-	dry wood, be contains hal heavy metal preservative  1. The firep and operate Distributors instructions	hall be used other than untreated ut excluding any such wood which ogenated organic compounds or is as a result of treatment with wood as or coatings  laces shall be installed, maintained in accordance with Euroheat (HBS) Limited's operational dated November 2006, reference
5660 Couvin, Belgium.	IN1141 Ed E	3.
	dry wood, be contains hal heavy metal preservative	hall be used other than untreated ut excluding any such wood which ogenated organic compounds or is as a result of treatment with wood es or coatings
The Nestor Martin Multi-fuel Stove IT 13 (3.5kW nominal thermal output) manufactured by Nestor Martin, S A Finuick Nv, Voie Axiale 5, B-5660 Couvin, Belgium.	and operate Distributors	laces shall be installed, maintained d in accordance with Euroheat (HBS) Limited's operational dated April 2007, reference IN1180
	dry wood, but contains hal heavy metal	hall be used other than untreated ut excluding any such wood which ogenated organic compounds or ls as a result of treatment with wood es or coatings.
The Nestor Martin Multi-fuel Stove R33 and D33 (8kW nominal thermal output) manufactured by Nestor Martin, S A Finuick Nv, Voie Axiale 5, B-5660 Couvin, Belgium	and operate Distributors	laces shall be installed, maintained d in accordance with Euroheat (HBS) Limited's operational dated January 2007, reference ion D.
Doigium	dry wood, be contains hal heavy metal	hall be used other than untreated ut excluding any such wood which ogenated organic compounds or as a result of treatment with wood es or coatings
The Orchard Ovens models: FVR Speciale 80, 100, 110, 110 × 160 and 120; TOP Superiore 100 and 120; GR 100, 120, 140, 120 × 160, 140 × 160, 140 × 180 and 180; OT 100, 120, 140, 120 × 160, 140 × 160,	and operate	laces shall be installed, maintained d in accordance with the er's instructions dated 25 October ences:
160, 140 × 160, 140 × 180 and 180; the Valoriani Piccolo, all of	Instruction	Model
which are manufactured by	OOLinst.1	FVR 80
Valoriani of Via Caselli alla	OOLinst.2	FVR 100
Fornace, 213, 50066 Reggello,	OOLingt 4	FVR 110
	OOLinst.4	FVR 120

Finance Habi	001 :== 4.5	EVD 440-400
Firenze, Italy.	OOLinst.5	FVR 110x160
	OOLinst.6	TOP 100
	OOLinst.7	TOP 120
	OOLinst.8	GR 100 and
	OOL in at 0	OT 100
	OOLinst.9	GR 120 and
	OOL in at 40	OT 120
	OOLinst.10	GR 140 and OT 140
	OOLinst.11	
	OOLinst.11	
	OOLinst.12	
	OOLinst.13	
	OOLIIISI. 14	OT 180
	OOI inst 15	Valoriani Piccolo
		hall be used other than untreated
		ut excluding any such wood which
		ogenated organic compounds or
		s as a result of treatment with wood
	•	s or coatings
The Quadra-Fire 2100 Millennium	•	laces shall be installed, maintained
Freestanding Wood Burning	and operated in accordance with the	
Stove manufactured by Hearth &	manufacture	er's instructions dated 9th October
Home Technologies 1445 North	2003, refere	nce 250–6931B.
Highway, Colville, WA 99114,		
USA.	2. No fuel s	hall be used other than dry cured
		ood of maximum size 38.1 cm x
		5.08 cm., but excluding any such
		contains halogenated organic
	•	or heavy metals as a result of
		th wood preservatives or coatings
The Quadra-Fire Yosemite	•	laces shall be installed, maintained
Freestanding Wood Burning	•	d in accordance with the
Stove manufactured by Hearth &		er's instructions dated 4th June 2003,
Home Technologies 1445 North	reference 70	JU4-187.
Highway, Colville, WA 99114, USA.	2 No fuel o	hall be used other than dry gured
USA.		hall be used other than dry cured ood of maximum size 38.1 cm x
		5.08 cm., but excluding any such
		contains halogenated organic
		or heavy metals as a result of
	•	th wood preservatives or coatings
The Quadra-Fire Cumberland		laces shall be installed, maintained
Gap Freestanding Wood Burning	•	d in accordance with the
Stove manufactured by Hearth &	•	er's instructions dated 8th July 2003,
Home Technologies 1445 North	reference 70	
Highway, Colville, WA 99114,		
USA.	2. No fuel s	hall be used other than dry cured
		ood of maximum size 43.18 cm x

The Type USP wood pellet fired boilers, model numbers USP-10, 15, 20, 25 and 30, manufactured by KWB-Kraft und Warme aus Biomasse Gesellschaft mit beschrankter Haftung (GmbH) of Industriestrasse 235, A-8321 St Margarethen am der Raab,	<ul> <li>10.16 cm x 10.16 cm., but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.</li> <li>1. The manufacturer's instructions dated 28 July 2003, reference BA-USP 0703.</li> <li>2. no fuels shall be used other than wood pellets, but excluding any such pellets (in particular those originating from construction and demolition waste) which contain halogenated organic compounds or heavy metals as a result of treatment</li> </ul>
Austria.  The Type USV wood pellet and wood chip fired boilers, model numbers USV-15, 25, 30,40, 50, 60, 80 and 100, manufactured by KWB-Kraft und Warme aus Biomasse Gesellschaft mit beschrankter Haftung (GmbH) of	<ol> <li>with wood preservatives or coatings</li> <li>The manufacturer's instructions dated August 2003, reference BA-USV 0803.</li> <li>no fuels shall be used other than wood pellets or wood chips, but excluding any such pellets or chips (in particular those originating from construction and demolition waste) which contain</li> </ol>
Industriestrasse 235, A-8321 St Margarethen am der Raab, Austria. Westfire Uniq 15, 16 and 20 (also known as WF UNIQ 15, 16 and	halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings  1. The fireplaces shall be installed, maintained and operated in accordance with the
20) manufactured by Westfire Tømrervej 3 DK-6800 Varde, Denmark	manufacturer's instructions dated 2007, reference WF15 – WF16 – WF20 along with supplementary instructions dated 2007,reference 01wfuk.2007.  A permanent stop must be in place on the
	secondary air inlet to prevent closure beyond 50mm.  2. No fuel shall be used other than Untreated dry wood, but excluding any such dry wood (in
The Wood Waste Technology	particular that originating from construction and demolition waste) which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Wood Waste Technology Heater, models WT10 and WT15, manufactured by Wood Waste Technology.	<ol> <li>The fireplaces shall be installed, maintained and operated in accordance with the manufacturer's instructions dated 19th January 2005, reference WT10 and WT15.</li> <li>No fuel shall be used other than Hardwood</li> </ol>
	and softwood offcuts, but excluding any such offcuts (in particular those originating from construction and demolition waste) which

	contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
CTC Ecoflex 15 and 20 manufactured by Enertech AB, Box 313, S-341 26 Ljungby, Sweden.	1. The fireplaces shall be installed, maintained and operated in accordance with the manufacturers instructions dated 20/02/2007, reference 161 505 27 06/1.
	2. No fuel shall be used other than wood pellets, but excluding such pellets which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.

Classes of Fireplaces	Conditions
The Dovre 250 (model DV-250) manufactured by Dovre NV, Nijverheidsstraat 18, BE-2381 Weelde, Belgium.	The manufacturers' instructions, reference PM250 Issue 1. A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 75% open position.  Permitted fuels (other than authorised fuels):  Untreated dry wood, but excluding any such wood which contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings
The Froling Turbomatic 28, 35, 48 and 55 manufactured by Froling Heizkessel-und Behalterbau Ges.m.b.H, Industriestrabe 12, A-4710 Grieskirchen, Austria.	The manufacturers' installation manual dated November 2003, reference M 060 01 03. The manufacturers' operating manual dated August 2002, reference 99229a.  Wood chip less than 35% moisture content and meeting ONORM (a) M 7133; 1998 size class G30. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Froling Turbomatic 85, 100 and 110 manufactured by Froling Heizkessel-und Behalterbau Ges.m.b.H, Industriestrabe 12, A-4710 Grieskirchen, Austria.	The manufacturers' installation manual dated November 2003, reference M 060 01 03. The manufacturers' operating manual dated August 2002, reference 99229a.  Wood chip less than 35% moisture content and meeting ONORM (a) M 7133; 1998 of either size class G30 or G50. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.

The Gilles HPK USK 360 kW manufactured by Gilles Energieund Umwelttechnik GmbH, Koaserbauer Str.16 A-4810 Gmunden, Austria.	The manufacturer's operating instructions dated January 2008, reference Gilles/360/1.  Wood pellets or wood chips, but excluding any such pellets or chips which contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings
The Gilles UTSK 450 kW, 550 kW, boilers manufactured by Gilles Energie-und Umwelttechnik GmbH, Koaserbauer Str.16 A-4810 Gmunden, Austria.	The manufacturer's operating instructions dated January 2008, reference Gilles/360/1.  Wood pellets or wood chips. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Gilles UTSK 700kW, 900kW boilers manufactured by Gilles Energie-und Umwelttechnik GmbH, Koaserbauer Str.16 A-4810 Gmunden, Austria.	The manufacturer's operating instructions dated January 2008, reference Gilles/360/1.  Wood pellets. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Gilles UTSK 1200kW, 1600kW boilers manufactured by Gilles Energie-und Umwelttechnik GmbH, Koaserbauer Str.16 A- 4810 Gmunden, Austria.	The manufacturer's operating instructions dated January 2008, reference Gilles/360/1  Wood pellets or wood chips. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Hoval STU 600, 800 and 1000 manufactured by Hoval UK Ltd., Northgate, Newark-on-Trent, Nottinghamshire, NG24 1JN.	The manufacturer's installation and operating manual dated June 2008, reference STU/man/01/1.  6mm diameter wood pellets. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Huntingdon 25 clear door	The manufacturer's instruction manual reference

(model number 7057) and PM 249 Issue 1. A permanent stop must be in Huntingdon 25 tracery door place on the secondary air inlet to prevent (model number 7058) closure beyond the 75% open position. manufactured by Stovax Limied. Untreated dry wood. The fuel must not contain Falcon Road, Sowerton Industrial Estate, Exeter, Devon, EX2 7LF. halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings. The KWB TDS Powerfire 130, 240 The manufacturers' instructions dated 14 May and 300 manufactured by KWB-2008, reference BA TDS-05.2008, including Kraft und Warme aus Biomasse specification of recommended fuels. Gesellschaft mit Beschrankter Haftung (GmbH) of Wood pellets or wood chips. The fuel must not Industriestrasse 235, A-8321 St contain halogenated organic compounds or Margarethen an der Raab. heavy metals as a result of treatment with wood preservatives or coatings. The Lovenholm multifuel stove installation and The Lovenholm manufactured by Hunter Stoves Ltd., Unit 6, Old operation manual version 07/08. Mill Industrial Estate, Stoke Canon, Exeter, Devon, EX5 4RJ. Untreated wood with a moisture content below 20%. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings. The OkoFEN Pellematic PE08, The OkoFEN operation instructions dated PE12, PE16, PE20, PE25, PE32, February 2007, reference PE/HB/001.E. PEK12, PEK16, PEK20, PEK25, PEK32, PES12, PES16, PES20, PES25, PES32, PESK12, Wood pellets of maximum diameter 6mm and PESK16, PESK20, PESK25, and maximum length 4cm. The fuel must not contain halogenated organic compounds or heavy PESK32. manufactured by metals as a result of treatment with wood OkoFEN Forschungs-und Entwicklungs Ges.m.b.H of preservatives or coatings. Gewerbepark1, 4133 Niederkappel, Austria. The OkoFEN Pellematic PE36, The OkoFEN operation instructions reference PE48, PE56, PESK36, PESK48, PBV 2000 CMP 1.4 (V2.31) with revision dated PESK56, PES36, PES48 and March 2008. PES56 manufactured by OkoFEN Forschungs-und Entwicklungs Wood pellets of maximum diameter 6mm and Ges.m.b.H of Gewerbepark1, maximum length 4cm. The fuel must not contain

4133 Niederkappel, Austria.	halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Scan Anderson 4-5 manufactured by Krog Iversen 7 Co., A/S DK -5492 Vissenbjerg, Denmark.	The manufacturer's instruction manual dated 15 November 2007 entitled 'Scan Andersen 4-5', reference edition 09/05-GB.  Untreated dry wood. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Stockton 5 flat top (model number 7119) Stockton 5 Canopy (model number 7160) and Stockton 5 Midline (model number 7133) manufactured by Stovax Ltd., Falcon Road, Sowerton Industrial Estate, Exeter, Devon, EX2 7LF	The manufacturer's instruction manual reference PM176 – issue 4. A permanent stop must be in place on the secondary air inlet to prevent closure beyond the 50% open position.  Untreated dry wood. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Winhager Bio Win 90 and 120 manufactured by Windhager Zentralheizung GmbH, Anton-Windhager-Str. 20, A-5201 Seerkirchen bei Salzburg, Austria.	The manufacturer's instruction manual dated August 2008, reference 092125/00.  Wood pellets. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.
The Winhager Bio Win 100, 150, 210 and 260, manufactured by Windhager Zentralheizung GmbH, Anton-Windhager-Str. 20, A-5201 Seerkirchen bei Salzburg, Austria.	The manufacturer's instruction manual dated May 2008, reference 0916197/00.  Wood pellets. The fuel must not contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.

# (v) Implementation

It is intended that the proposed instrument will come into force on 31 December 2008. If the Welsh Ministers were not to exempt approved

appliances from the provisions of Section 20 of the Clean Air Act 1993 within a reasonable time, then there is a risk of criticism and possible representations from manufacturers, who will in practice be unable to market and sell their products effectively within smoke control area in Wales.

#### (vii) Regulatory Impact Assessment

## a) Options

#### Do nothing

This would mean that the Welsh Assembly Government decides not to exempt tested and approved appliances for use in smoke control areas.

#### Make Legislation

This would entail making an Order exempting specified classes of fireplaces from the provisions of Section 20 of the Clean Air Act 1993. The Smoke Control Areas (Exempted Fireplaces)(Wales) Order 2008 does not affect the nature of the regime of control imposed by the 1993 Act: it merely ensures that the regime as effected in Wales responds appropriately to new appliances developed by the manufacturers.

#### b) Benefits

#### Do nothing

There are no benefits implicit in this option.

#### Make the Legislation

The benefits of this option are as follows:

- Increasing the variety of approved appliances will encourage compliance with restrictions in smoke control areas;
- Products will be available to consumers throughout Wales without inappropriate discouragement to those consumers in smoke-control areas:
- Manufacturers of authorised products will not have a restriction on marketing their products within smoke-controlled areas; and
- Cleaner air.

#### c) Costs

#### Do nothing

If the Welsh Ministers were not to exempt approved fireplaces from the provisions of Section 20 of the Clean Air Act 1993 then there is the risk of criticism and possible representations from manufacturers who will in practice be unable to market and sell their product effectively in a smoke control area in Wales.

#### Make the Legislation

The only interested parties are the manufacturer and potential customers. However, no compliance costs will be imposed on either of these groups as a result of the proposed Order being made. The only cost linked to these Regulations results from the testing and approval process.

#### d) Competition Assessment

The competition filter has been applied to the proposed Order and it is clear that the Order will not have a detrimental affect on competition. The intended Order will merely add tested and approved appliance to the list of exempt appliances. By not updating the legislation in this way the Welsh Ministers would be preventing a business from effectively marketing their product uniformly throughout the UK.

# e) Consultation

It was not deemed necessary to consult as the Order will not amend the regime of smoke control within Wales, but will merely ensure the regime is brought up to date, by adding further classes of appliance to those which are already exempted, for use in smoke control areas. In addition, the Order will not affect policy relating to air quality control. Those appliances proposed for exemption in this order have been subject to a detailed and quantitative emissions testing protocol.

## f) Post implementation review

No review of the Order will be necessary: when an appliance has been tested and approved it is appropriate to exempt it permanently. The descriptions of appliances and the conditions imposed on their use are detailed, so that if a manufacturer were to amend the specification of the appliance, it would no longer be exempted. The amended appliance would have to be resubmitted for approval and (if successful) a new Order would have to be made. The structure of the Act's control regime therefore provides an automatic review process.

## g) Summary

The costs and benefits of making the Order accrue to the manufacturer of the exempted appliance. Once an appliance has been tested and approved, a manufacturer can, in effect, only market their product in a smoke control area once an Order has been made adding their product to the list of exempted appliances. The Order will ensure that the application of the smoke control regime intended by the Act is updated to reflect the development of new appliances.