



**ENVIRONMENT  
AGENCY**

## **Variation Notice with introductory note**

Pollution Prevention and Control (England & Wales) Regulations 2000

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Wrexham Clinical Waste Incinerator  
Polkacrest Wales Ltd.

Marlborough Road  
Wrexham Industrial Estate  
Wrexham  
LL13 9RJ

Variation Notice Number  
VP3739XC

Permit number  
AP3538SM

# Wrexham Clinical Waste Incinerator Permit Number VP3739XC

## Introductory note

### This introductory note does not form a part of the permit

The following notice is issued under regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the Regulations) to vary the conditions of a permit issued under the Regulations to operate an installation. The notice comprises schedule 1 containing conditions to be deleted, schedule 2 conditions to be amended and schedule 3 conditions to be added.

The Waste Incineration (England and Wales) Regulations 2002 (SI 2002 No. 2980) (The WI Regulations) and the Prevention and Control (Waste Incineration Directive) (England and Wales) Direction 2002 together implement the requirements of the Waste Incineration Directive (Directive (EC 2000/76/EC) on the Incineration of Waste. The Installation regulated under this Permit contains an existing Waste Incineration Installation (as defined in the WI Regulations) in which the incineration of waste in an incineration plant is carried out. Conditions delivering the corresponding requirements of the relevant articles of the Waste Incineration Directive have been incorporated into this Permit. The installation is a single incinerator designed to have the capacity to burn 0.8 tonnes of waste an hour (approximately 8000 tonnes a year). Clinical waste, including hazardous waste, is brought to a storage area at the incinerator from local hospitals and other sources such as family practitioners and dental surgeries.

Waste now arrives on site, and is stored in yellow bins, which are charged directly into the incinerator.

The combustion gases are cooled in a waste heat recovery boiler. The gases are then subjected to cleaning before their discharge through a 28-m high stack. Bottom ashes are discharged to a quench pit, transferred to a skip and are subsequently sent to landfill. Air pollution control residues are also sent to landfill. There are no other significant sources of waste generated.

The installation covers the whole of the incineration plant and site: this includes, waste reception, waste storage, fuel and air supply facilities, the boiler, facilities for the treatment of exhaust gases, treatment and storage of residues and waste water, the stack, devices and systems for controlling incineration operations and the recording and monitoring of incineration conditions.

This variation has been issued to reflect the changes in waste storage and incinerator charging on site.

Clinical waste was previously loaded to a walking floor storage hopper with a capacity of 20 tonnes of clinical waste. The waste was then fed along a walking floor and then onto a conveyor. Waste is then fed into the incinerator via a hydraulically powered steel bin.

This system is to be replaced by a new bin lift system, removing the need for the walking floor.

Waste will now be charged directly via a 770 litre cart into the incinerator. Waste will no longer be discharged onto the hopper and walking floor.

Status Log of the permit		
Detail	Date	Response Date
Application AP3538SM	Duly made 21/03/05	
Additional Information received	10/05/05	06/09/05
Additional Information received	08/12/05	08/12/05
Permit determined	14/12/05	
Variation notice VP3739XC issued	22/01/08	

**Other PPC permits relating to this installation**

Operator	Permit Number	Date of Issue
-	-	-

**Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation**

Holder	Reference Number	Date of Issue	Fully or Partially Superseded
Polkacrest Ltd	EAWML37233	09/02/04	Partially superseded

**Other existing Licences/Authorisations/Registrations relating to this site**

Holder	Reference Number	Date of issue
Polkacrest Ltd	EAWML37233	09/02/04

End of Introductory Note

**Variation Notice**

Pollution Prevention and Control  
(England and Wales) Regulations 2000

## Variation Notice

Permit number

**AP3538SM**

Variation number

**VP3739XC**

The Environment Agency (the Agency) in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby varies the permit held by you

**Polkacrest Wales Ltd** ("the operator"),

of/ whose registered office (or principal office) is

for a company use "whose registered office is" unless there is some reason to specify their principal office. "of" should be used where the operator has specified a different address (regulation 6(5)) for the receipt of notices.

**Polkacrest Wales Ltd**

**Eco Park**

**Advent Way**

**Edmunton**

**London**

**N18 3AG**

company registration number 5018899

to operate an installation at

**Malborough Road**

**Wrexham Industrial Estate**

**Clwyd**

**LL13 9RJ**

to the extent set out in schedules 1 to 3 of this variation notice .

The notice shall take effect from 22<sup>nd</sup> January 2008.

Signed

Date

	21st Jan 2008
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Ann Weedy

Authorised to sign on behalf of the Agency

### SCHEDULE 1 – CONDITIONS TO BE DELETED

None

### SCHEDULE 2 – CONDITIONS TO BE AMENDED

The following conditions are amended as follows

- 2.11 The permitted installation shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency in accordance with conditions 1.5.1 and 1.5.2 of this permit

Table 2.1.1: Operating Techniques		
Description	Parts	Date Received
Application	Information found in sections 2.1 and 2.2 of the application	21/03/05
Request for further information	Information on process for disposal of fluids arising from the walking floor in feed	08/12/05
Request for further information	Information relating to compliance with WID with regard to emissions and monitoring	06/09/05

Table 2.1.1 shall be amended to read

Table 2.1.1: Operating Techniques		
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Request for further information	Information relating to compliance with WID with regard to emissions and monitoring	06/09/05
Variation Application	Section C2 of the application, and associated appendices	10/12/07

### SCHEDULE 3 – CONDITIONS TO BE ADDED

1. None

The following conditions are added to the permit

Insert new condition number(s) and the condition(s). For a consolidated permit insert **ALL** the permit conditions and schedules (except the IN and the permit page (page 1)).

