



**ENVIRONMENT  
AGENCY**

## Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

---

**Warwick International Limited  
Dock Road  
Mostyn  
Holywell  
Flintshire  
CH8 9HE**

Variation Notice number

KP3937LZ

Permit number

BU2357

COPIED TO PUBLIC REGISTER	<i>LJ</i>	21.11.06
COPIED TO PUBLIC REGISTER	<i>LJ</i>	21.11.06



---

## Introductory note

**This introductory note does not form a part of the Variation Notice.**

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 Notice is subject to the express conditions set out in Schedules 1 to 3.

The Permit, as amended by this Variation Notice, contains conditions which have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the condition implied by Regulation 12(10) of the PPC Regulations, that the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

This variation notice has been issued in response to an application by Warwick International Ltd to permit the use of gas oil as stand-by fuel for up to 500 hours per year when the market conditions for gas use are not economically viable. This change does not affect permissible periods of gas oil use during an interruption of the gas supply to the installation or for test firing the boilers for inspection or maintenance purposes.

Other PPC Permits relating to this installation		
Permit holder	Permit Number	Date of Issue
[NONE RELEVANT]		

Superseded Licenses/Consents/Authorisations relating to this installation		
Holder	Reference Number	Date of Issue
Warwick International Ltd	AK6365	28/02/94
	[IPC Authorisation, as varied]	



---

## Talking to us

If you contact the Agency about this Permit please quote the Permit Number.

The Operator should use the Emergency Hotline telephone number (0800 80 70 60) or any other number notified to it to give a notification under condition 5.1.1 of the Permit.

## Confidentiality

The Permit/Variation requires the Operator to provide information to the Agency. The Agency will place the information onto the public registers in accordance with the requirements of the PPC Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Agency to have such information withheld from the register as provided in the PPC Regulations. To enable the Agency to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

## Variations to the permit

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation will include summary details of the Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

## Surrender of the permit

Before this Permit can be wholly or partially surrendered, an application to surrender the Permit has to be made. For the applicant to be successful, they would have to be able to demonstrate to the Agency, in accordance with Regulation 19 of the PPC Regulations, that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

## Transfer of the permit or part of the permit

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 18 of the PPC Regulations. A transfer will be allowed unless the Agency considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a "fit and proper person" to carry out that activity.



---

## Status Log

Detail	Date	Comment
Application BU2357	Received 29/08/03	Duly made 16/09/03
Request to extend determination	Request dated 22/12/03	Request accepted 05/01/04
Response to request for information	Request dated 10/03/04	Response dated 14/04/04
Permit BU2357	Issued 14/05/04	Permit for operation of Installation under PPC Regime
Application for Variation AP3634SJ	Received 18/03/05	Duly made 18/03/05
Response to Schedule 7 notice.	Schedule 7 dated 15/06/05	Response dated 28/07/05
Response to request for further information	Request dated 30/11/05	Response dated 12/12/05
Variation AP3634SJ	Issued 16/12/2005	Variation issued to comply with the Waste Incineration (England and Wales) Regulations 2002 (SI 2002 No. 2980) (The WI Regulations) and the Pollution Prevention and Control (Waste Incineration Directive) (England and Wales) Direction 2002
Application for Variation KP3937LZ	Received 04/08/05	Duly made 04/08/05
Additional Information in support of application KP3937LZ	Received 06/11/06	Criteria for fuel switching and commitment to restrict period of gas oil firing
Variation KP3937LZ	Issued 21/11/06	Variation to permit use of gas oil as stand-by fuel when the use of gas is not under economically viable conditions.

*End of introductory Note*



**Variation Notice**

Pollution Prevention and Control  
(England and Wales) Regulations 2000



**ENVIRONMENT  
AGENCY**

## Variation Notice

Permit number (The Permit)

**BU2357**

Variation Notice number

**KP3937LZ**

The Environment Agency in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I. 2000 No. 1973) (as amended), hereby varies the Permit issued on 14/05/04 (as varied) and held by

**Warwick International Ltd ("the Operator"),**

whose Registered Office is

Dock Road

Mostyn

Holywell

Flintshire

CH8 9HE

Company registration number **2386927**

which relates to the operation of an Installation at

Dock Road

Mostyn

Holywell

Flintshire

CH8 9HE

to the extent set out in Schedules A to C of this Variation Notice.

This Notice shall take effect from 21/11/2006 at 00.01 hours.

Signed

A rectangular box containing a handwritten signature in cursive that reads "Paul Nash".

**Paul Nash, Regulatory Team Leader (PIR/RSR)**

Authorised to  
sign on behalf of  
the Environment  
Agency

Date

A rectangular box containing a handwritten date in cursive that reads "21<sup>st</sup> November 2006".



---

**This page is intentionally left blank**



**Warwick International Limited**  
**Schedules to Variation Notice KP3937LZ**

**SCHEDULE A-CONDITIONS TO BE DELETED**

1. None.

**SCHEDULE B-CONDITIONS TO BE AMENDED**

2. Condition 1.1.1 shall be amended to:

1.1.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

**Table 1.1.1**

Activity listed in Schedule 1 of the PPC Regulations / Associated Activity	Description of specified activity	Limits of specified activity
Section 4.1 A(1)(a)(iv) : Producing organic chemicals	Producing organic compounds containing nitrogen, (amines)	Receipt of raw materials to despatch of finished product, including internal recycling of raw materials.
Section 5.1 A(1)(a) : Incineration of hazardous waste	On-site incineration of process wastes with the recovery of heat	Incineration of distillation residues arising during the on-site production of tetra acetyl ethylene diamine (TAED).
Section 5.3 A(1)(c)(ii) : Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment	Treatment and storage of process effluent and site surface water drainage	pH adjustment and storage of process effluent arising during the on-site production of tetra acetyl ethylene diamine (TAED).
Directly Associated Activity	Combustion of natural gas to raise steam and heat thermal transfer fluids	Gas oil combustion: limited to periods specified in the permit for use as a stand-by fuel, for periods of natural gas interruption and for scheduled test firing of the back up facility

3. Condition 1.4.1 shall be amended to:

1.4.1 The operator shall complete the improvements specified in Table 1.4.1 by the date specified in that table, and shall send written notification of the date of completion of each requirement to the Agency within 14 days of the completion of each such requirement.

**Table 1.4.1. Improvement programme**

Reference	Requirement	Date
1.4.1.8	The Operator shall calibrate and verify the performance of Continuous Emission Monitors for release point A14 associated with parameters as specified in Table 2.2.2 to BS EN 14181 and submit a summary report to the Environment Agency as evidence of compliance with the requirements of BS EN 14181.	Report to be submitted to the Agency by 28/12/2006.
1.4.1.9	The Operator shall submit proposals in writing to the Environment Agency to investigate and report on sulphur dioxide and particulate emissions to air from boilers B201, 202, 301 and DAED HTF during gas oil firing. The proposals shall include measurement of their mass release rate and concentration in the exhaust gases and an assessment of the predicted short-term ground level impacts against the statutory air quality objectives.	Proposals to be submitted to the Agency by 31/12/2006.



4. Condition 2.1.1 shall be amended to:

2.1.1 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 the Permit.

**Table 2.1.1: Operating techniques**

Description	Parts	Date Received
Application for Permit BU2357	The response to information requirements B2.1 and B2.2 given in pages 16-47 of section 2.1, page 47-70 of section 2.2 and Appendix 9 of the Application	29/08/04
Application for variation AP3634SJ	The response to information requirements C2.1, C2.2, C2.7 and C2.10 given in pages 14-30 of Section 2.1, pages 29-30 of Section 2.2, page 39 of section 2.7, page 42-44 and 50 of section 2.10 of the Application for Variation, and accompanying report Appendix 3 as referenced in these parts of the Application.	18/03/05
Response to Schedule 7 Notice (re Application for variation AP3634SJ)	The response to information requirements 1-4, 6 and 9 of the Notice.	28/07/05
Additional Information (re Application for variation AP3634SJ)	All regarding solid waste arisings, continuous monitoring and emission limits	12/12/2005
Application for variation KP3937LZ	The response to information requirements C2.1, 2.2 and C2.3 in section 3.2.4 and section 4 of Application for Variation document reference FSA 06 PJB	04/08/06
Additional Information (re Application for variation KP3937LZ)	All (letter dated 03/11/06)	06/11/06

### SCHEDULE C-CONDITIONS TO BE ADDED

3. Condition 2.1.14 to be added:

2.3.2 The total period for which gas oil can be used as a stand-by fuel in each of the boilers (B103, 201, 202, 301 or those for DAED heat transfer fluid duty) shall not exceed 500 hours in any given contract year. This allowance shall not be taken to affect the following permissible periods: gas oil use during periods of interruption to the gas supply to the installation; and scheduled test firing of the boilers on gas oil for inspection or maintenance purposes.

