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ENVIRONMENT AGENCY

Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

Granox Limited
Desoto Road
West Bank Dock Estate
Widnes
Cheshire
WA8 0PB

Variation Notice number

YP3836UK

Permit number

CP3230BE

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 [part of] 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.

Description of the changes introduced by this variation notice.

This variation covers the addition of further wastes to those permitted to be burnt in the fluidised bed combustors. These wastes arise from a leather recycling process. Solid wastes will be delivered in bulk or IBCs and off loaded in the Riverside store. They will then be mixed with the normal MBM feed and passed to the FBC. Liquid waste will be delivered in bulk tankers and pumped into one of the liquor tanks in site where they are mixed with the normal bio-liquids. The mixed liquors are passed to the FBCs. No additional plant or equipment is required to process these wastes. The proportion of waste to the normal materials has been be calculated such that there will be no change to the thermal input to the FBCs. This will ensure that there will be no change to the operation of the FBCs. The operator has analysed the wastes and from the content and the quantities in the final mixture confirmed that all release limits will be met.

In his application for a permit the operator described a specific range of wastes that would be burnt in the fluidised bed combustors. Since the permit was issued the operator has requested permission to burn a number of other wastes. The operator considers that it is likely that there will be an increasing need to introduce new wastes to the plant and has therefore developed a protocol covering the introduction of new wastes. This protocol covers the steps and assessments that will be made prior to the introduction of a new waste to ensure that the existing plant is fully adequate and that the new waste can be burnt within the requirements of the permit. The protocol developed by the operator is acceptable to the Agency and by this variation now forms part of the permit.

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
Permit CP3230BE	Issued 4 November 2005	
Variation MP3637LT	15 August 2006	
Variation EP3738UN	1 May 2007	
Variation YP3836UK	9 August 2007	

End of introductory Note

ENVIRONMENT AGENCY

Variation Notice

Permit number **CP3230BE**

Variation Notice number **YP3836UK**

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 4 November 2005 and held by you, Granox Ltd **("the Operator"),**

whose Registered Office is
Ings Road
Bentley
Doncaster
South Yorkshire
DN5 9SW Company registration number **0457634**

Which relates to the operation of the installation at

Desoto Road
West bank Dock Estate
Widnes
Cheshire
WA8 0PB

to the extent set out in Schedules 1 to 3 of this Variation Notice.

This Notice shall take effect from 10 August 2007 at 00.01 hours.

Signed

Catherine Shaw

Cath Shaw

Authorised to sign on behalf of the Environment Agency

Date 9th August 2007

SCHEDULE 1 - CONDITIONS TO BE DELETED

None

SCHEDULE 2 - CONDITIONS TO BE AMENDED

1. Table 2.1.1 is amended to

Table 2.1.1: Operating techniques		
Description	**Parts**	**Date received**
Application	The response to questions 2.1, 2.2 and 2.5 of the Application Form given in pages 3 to 67 and 87 to 92 (inclusive) of the Application, excluding section 2.2.2.4 on page 59. Excluding all references to site domestic sewage storage, treatment and discharge to the River Mersey.	17/09/04
Additional information received in the 'Application for a variation to comply with WID'.	The response to sections C2.1, C2.2, C2.6 and C2.10 for the Fluidised Bed Combustors (ST-A, ST-B), Boilers (B1, B2, B3, B4, B6) and the Compression Ignition Engines (E-A, E-B).	30/03/05
Additional information received in (part) response to a Schedule 4 Notice.	The response to questions 1, 2, 3, 6, 7 and 8, including the information received in relation to the combustion of gas oil, excluding reference to the use of heavy fuel oil or, if subject to the waste incineration directive, recovered vegetable oil.	28/06/05
Additional information received in (part) response to a Schedule 4 Notice.	The response to questions 3, 4, 5, 9 and 10	03/08/05
Application for variation to burn vegetable oil and the additional information	The whole of the application	31/3/06 18/04/06 2/8/06
Application for variation to destroy perfluorooctane sulphonate in the FBC	The whole of the application	03/08/06
Application for Variation for the addition of waste soap, waste glycerine and Hedco leachate to the list of permitted wastes	The whole of the application	12 April 2007
Application for variation for the addition of leather waste and a waste protocol	The whole of the application as amended by the revised documents dated 2 August 2007 and the revised assessment spreadsheet submitted 31 July 2007	23 July 2007

2. Table 2.1.2 is amended to

Table 2.1.2: Permitted Waste Types		
Waste type	**Limitations**	**Maximum throughput**
Meat and bone meal (MBM).	Includes both incineration of MBM generated on-site, and MBM imported to the site. Total combined mass throughput limited to 60,000 tonnes per year.	60,000 t/yr (total)
Liquid blood, plasma, soup, fish by-products, ETP sludge, egg waste, animal by-products and food waste washings.	Incineration in the fluidised bed combustors as separate components or in mixtures; provided that all remaining Permit conditions are met. Total combined mass throughput limited to 40,000 tonnes per year.	40,000 t/yr (total)
Food waste solids.	Not applicable.	40,000 t/yr
Mycelia residue.	Maximum of 20% of total feed composition to the fluidised bed combustors.	25,000 t/yr
Liquid effluent.	Limited to process effluent generated within the Installation.	35,000 t/yr
Tallow.	Not applicable.	44,600 t/yr
Vegetable oil exempt from the Waste Incineration Directive	Not applicable	2,600t/yr
Firewater containing perfluorooctane sulphonate	Not applicable	30,000t/yr(1)
Waste Soap	Not applicable	1,000t/yr(2)
Waste glycerine/glycerol	Not applicable	8,000t/yr(3)
Landfill leachate	Not applicable	3,000t/yr(4)
Liquid wastes from Leather Recycling	Not applicable	1,000t/yr
Solid wastes from Leather Recycling	Not applicable	1,000t/yr
Other solid wastes	Wastes that meet the requirements of condition 2.1.23, 2.1.24, 2.1.25, 2.1.26,	15,000t/yr
Other liquid wastes that meet the requirements of condition 2.1.23	Wastes that meet the requirements of condition 2.1.23, 2.1.24, 2.1.25, 2.1.26,	5,000t/yr
Bio-diesel glycerine and glycerol	Not applicable	20,000t/yr(5)

Note 1: After initial 150 tonnes and Agency agreement

Note 2: After initial 10 tonnes and Agency agreement

Note 3: After initial 50 tonnes and Agency agreement

Note 4: After initial 5 tonnes and Agency agreement

Note 5: Subject to condition 2.1.27

3. Schedule 6 is amended to

Permitted Waste Types		
Description	**European Waste Catalogue Number (where available) or other specification**	**Waste type as defined in Table 2.1.2**
Meat and bone meal	02 02 99	Non-hazardous
Liquid blood and plasma	02 02 99	Non-hazardous
Soup waste	02 03 04	Non-hazardous
Fish by-products	02 02 02	Non-hazardous
Effluent Treatment Plant sludge	02 02 04	Non-hazardous
Egg waste	07 05 14	Non-hazardous
Animal by-products and food waste washings	02 05 02	Non-hazardous
Food waste solids	02 02 03	Non-hazardous
Mycelia residue	07 05 14	Non-hazardous
Liquid effluent	02 02 04	Non-hazardous
Tallow	02 02 99	
Vegetable oil not subject to the waste incineration directive	02 03 99	Non-hazardous
Firewater containing perfluorooctane sulphonate	05 01 99	Non-hazardous
Waste Soap	16 03 05	As determined within the protocol
Waste glycerine/glycerol	02 02 99	Non-hazardous
Landfill leachate	16 10 02	Non-hazardous
Liquid wastes from Leather Recycling	04 01 06 04 02 14	Non-hazardous
Solid wastes from Leather Recycling	04 01 08	Non-hazardous
Bio-diesel glycerine and glycerol	02 02 99	Non-hazardous
Wastes that meet the requirements of condition 2.1.23, 2.1.24, 2.1.25, 2.1.26,	As determined within the protocol	As determined within the protocol

SCHEDULE 3 - CONDITIONS TO BE ADDED

Add condition 2.1.23

2.1.23 The waste protocol authorised by variation number YP3836UK shall only apply to the fluidised bed combustors

Add condition 2.1.24

2.1.24 The operator shall notify the Agency at least seven days before the commencement of any trial carried out in accordance with the protocol authorised by variation number YP3836UK and submit the assessment spreadsheet together with a description of the waste and the associated EWC code. The description of the waste and the EWC code then forms part of this permit for the purposes of the trial.

Add condition 2.1.25

2.1.25 Trials carried out under the protocol authorised by variation number YP3836UK are limited to a maximum of 24 hours.

Add condition 2.1.26

2.1.26 The results of trials carried out under the protocol authorised by variation number YP3836UK shall be submitted to the Agency. This submission shall include a description of the waste and the associated EWC code. Further processing is subject to written agreement of the Agency and the description of the waste and the associated EWC code then forms part of this permit.

Add condition 2.1.27

2.1.27 The processing of bio-diesel glycerine and glycerol in number 1 boiler is subject to written agreement of the Agency following submission of information that demonstrates that number 1 boiler complies with the Waste Incineration Regulations.

Add condition 2.1.28

2.1.28 Hazardous wastes are not permitted to be processed in the fluidised bed combustors or boilers. Hazardous wastes of classes H4, H5 and H8 may be mixed to produce a non hazardous waste only for the purposes of destruction in the fluidised bed combustors subject to condition 2.1.29

Add condition 2.1.29

2.1.29 Step 3.4 of the protocol permitted by variation YP3836 shall state that wastes classed as hazardous, except classes H4, H5 and H8, shall be rejected. Hazardous waste of classes H4, H5 and H8 may be mixed with MBM and the normal thick liquids to produce a non hazardous waste. The mixture shall be analysed to determine that the mixture is non hazardous. Such mixtures may be considered suitable if the other steps in the protocol are satisfactory.