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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

EP3738UN

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 three wastes to the list of those that are permitted to be incinerated under this permit. These are waste soap, waste glycerine from bio-diesel manufacture and leachate from the adjacent closed Hedco landfill. They will be destroyed in the fluidised bed combustors by partial substitution of the materials formally processed.

The waste soap is a wire drawing lubricant and is a mixture of sodium and calcium stearates. It is non-hazardous and not particularly odorous. It will be supplied in 1 tonne big bags and off loaded in the store used for MBM. It will be blended with MBM to a level of about 10 to 20%. The mixed MBM/soap will be conveyed via the normal route to the grinding plant and thence to the FBC. The stearates will be fully destroyed in the FBC. The sodium and calcium will form oxides or hydroxides and by removed in the particulate abatement. Initially 10 tonnes will be incinerated. Further processing is subject to specific agreement from the Agency.

The glycerine/glycerol is a waste from the manufacture of biodiesel. It is non-hazardous and has little odour. The waste is to be delivered in 25t road tankers and pumped into a dedicated tank in the tallow tank farm. From this tank it will initially be transferred by a tanker to one of the blood/sludge tanks where it will be blended with tallow or MBM for feeding to the FBC. After the trial burn transfer to the blood/sludge tank will be by fixed line. Initially 50 tonnes will be incinerated. Further processing is subject to specific agreement from the Agency.

The tip leachate arises from the adjacent Hedco tip that in the past was used for the deposit of a range of chemical wastes. It is known to be particularly odorous. The material is non-hazardous. For an initial trial the leachate is to be transported to site in IBCs. These will be pumped into the conditioning liquor tank. The vent from this tank will be directed to the vent lines of the blood/sludge tanks which in turn vent to the combustion air of the FBC. This will prevent the releases of odours to the environment on unloading. The leachate will join liquors from the blood/sludge tank and be fed to the FBC. After the trial burn leachate will be transported tot he site in tankers. Initially 5 tonnes will be incinerated. Further processing is subject to specific agreement from the Agency.

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	

End of introductory Note

ENVIRONMENT AGENCY

Variation Notice

Permit number **CP3230BE**

Variation Notice number **EP3738UN**

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 2 May at 00.01 hours.

Signed Catherine Shaw
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Cath Shaw

Authorised to sign on behalf of the Environment Agency

Date 1st May 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

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)

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

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	12 01 99	Non-hazardous
Waste glycerine/glycerol	02 02 99	Non-hazardous
Landfill leachate	16 10 02	Non-hazardous

SCHEDULE 3 - CONDITIONS TO BE ADDED

Add condition 2.1.17

2.1.17 The destruction in the fluidised bed combustors of waste soap is initially limited to a total of 10 tonne. Further processing is subject to the agreement of the Environment Agency after receipt of the report required under condition 2.1.18

Add condition 2.1.18

2.1.18 The operator shall submit a report, which shall include the results of release monitoring, on the destruction of the initial burn of waste soap permitted by variation notice EP3738UN

Add condition 2.1.19

2.1.19 The destruction in the fluidised bed combustors of waste glycerine/glycerol is initially limited to a total of 50 tonne. Further processing is subject to the agreement of the Environment Agency after receipt of the report required under condition 2.1.20

Add condition 2.1.20

2.1.20 The operator shall submit a report, which shall include the results of release monitoring, on the initial burning of waste glycerine/glycerol authorised by variation notice EP3738UNM

Add condition 2.1.21

2.1.21 The destruction in the fluidised bed combustors of Hedco leachate is initially limited to a total of 5 tonne. Further processing is subject to the agreement of the Environment Agency after receipt of the report required under condition 2.1.22

Add condition 2.1.22

2.1.22 The operator shall submit a report, which shall include the results of release monitoring, on the initial burning of Hedco leachate authorised by variation notice EP3738UNM