



**ENVIRONMENT  
AGENCY**

## **Variation Notice with introductory note**

**Pollution Prevention and Control Regulations 2000**

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**Clariant UK Ltd  
Llantwit Fardre  
Pontypridd  
CF38 2SN**

**Variation Notice number  
PP3037SG**

**Permit number  
BL7396**

# 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.

## **Brief description of the changes introduced by this variation notice.**

In the original permit aqueous waste streams from the installation were dealt with by a variety of means:

1. Surface water run-off from non-production areas of the site were allowed to drain to a soakaway to the south of the site.
2. Surface water run-off from production areas of the site and process effluent from the site were either discharged in one or two ways. Liquors went to sewer (for treatment at a local sewerage treatment plant) or (if above limits set for a number of species in the permit) then sent to effluent tanks on-site, ready to be tankered away to a Waste Water Treatment Plant.

This variation acknowledges that the Operator took a decision in 2004 to remove the facility of directing surface water run-off from non-production areas of the front end of the site to the soakaway to the south of the site. These liquors are now directed to sewer.

Consequently the only emissions that are directed to this southerly soakaway, are the uncontaminated rainwater falling on the roof of the newly erected warehouse.

This variation acknowledges increases to the available sewer capacity of the local sewerage treatment plant (due to other local industry closing down). The Operator has separately agreed with Dwr Cymru Welsh Water to widen the limits of their trade effluent consent. This variation now modifies the limits of the PPC permit to correspond with this new trade effluent consent.

From an environmental point of view this modification makes sense because of two benefits:

Firstly the Operator currently has a requirement for use of dilution water (previously used on certain occasions) in order to dilute the 'sewer effluent stream' within limits. This wastage of water will now stop.

Secondly the change will mean that volumes of liquors that have previously been tankered off-site (with the associated noise/pollution from tankers through the neighbouring village) will now be reduced. Note however that the same effluent species will still be treated by a biological effluent treatment process, but this will now take place locally rather than at a distance from site.

Other PPC Permits relating to this installation		
Permit holder	Permit Number	Date of Issue
None	-	-

Superseded Licenses/Consents/Authorisations relating to this installation		
Holder	Reference Number	Date of Issue
None	-	-

## **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 BL7396	Received 03/12/01	
Response to request for information	Request dated 11/02/02	Response dated 20/02/02 and 25/02/02
Response to request for information	Request dated 20/02/02	Response dated 01/03/02 and 04/03/02
Response to request for information	Request dated 11/03/02	Response dated 18/03/02
Permit BL7396	Determined 15/04/02	
Application for variation	Received 26/07/05	
Variation PP3037SG	Determined 30/09/05	

*End of introductory Note*



## Variation Notice

Permit number (The Permit)  
**BL7396**

Variation Notice number  
**PP3037SG**

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 15 April 2002 and held by you.

**Clariant UK Ltd ("the Operator"),**

Whose Registered Office is  
**Calverley Lane  
Horsforth  
Leeds  
West Yorkshire  
LS18 4RP**

**Company registration number 3380658  
which relates to the operation of Installation at**

**Llantwit Fardre  
Pontypridd  
CF38 2SN**

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

This Notice shall take effect from **30 September 2005 at 00.01 hours.**

**Signed**

**A. Gibbs**

Authorised to sign on behalf of the Environment Agency

Date

**30<sup>th</sup> September 2005**

## **SCHEDULE 1 - CONDITIONS TO BE DELETED**

1. Conditions 6.2.2, 6.2.3 and 6.2.4 are deleted

## **SCHEDULE 2 - CONDITIONS TO BE AMENDED**

2. Condition 1.1.1 shall be amended to:

### **The permitted installation**

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

**Table 1.1.1**

<b>Activity under Schedule 1 of the Regulations/ Associated Activity</b>	<b>Description of specified activity</b>	<b>Schedule 1 Activity Reference (if applicable)</b>	<b>Limits of specified activity</b>
Co-polymerisation of unsaturated hydrocarbons	Production of a range of thickening agents via a co-polymerisation process	4.1 A(1)(a) (viii)	Receipt of raw materials to material being transferred to bulk packages.
Water discharges to soakaway	Discharge of uncontaminated rainwater falling on the roof of the warehouse.	-	From roof area, gutters and downspouts of new warehouse, to point of discharge on marshy land at south of site.
Water discharges to foul sewers	Discharge of process water and site drainage from the installation.	-	From interceptors to point of entry to sewer

3. Condition 6.2.1 shall be amended to:

Emissions into or onto land from the emission point specified in Table 6.2.2 shall only arise from the source and shall be emitted only to the soakaway specified in that Table.

**Table 6.2.2 Emission points into land**

<b>Emission point reference/description</b>	<b>Source</b>	<b>Soakaway</b>
<i>W1 (being the weir of the diverted rainwater sump Drawing No A0007 Rev P2)</i>	Discharge of uncontaminated rainwater falling on the roof of the warehouse.	Marshy land to the south of the site.

4. Table 6.4.2 (Emission limits into sewer) shall be amended to:

**Table 6.4.2 Emission limits into sewer**

Parameter	Emission point S1
COD mg l <sup>-1</sup>	2000
Methanol mg l <sup>-1</sup>	300
Ethanol mg l <sup>-1</sup>	100
Propanol mg l <sup>-1</sup>	100
Para-hydroxybenzoic acid (PHBA) mg l <sup>-1</sup>	80
Phenol mg l <sup>-1</sup>	30
pH	6 to 11
Hourly flow m <sup>3</sup>	7.2
Daily flow m <sup>3</sup>	172.8

5. Table S2 of Schedule 2 (Reporting of monitoring data) shall be amended to:

**Table S2: Reporting of monitoring data**

Parameter	Emission point	Reporting period	Period begins
Ammonia mg m <sup>-3</sup>	A1	Every 12 mths	01/07/02
Volatile Organic Chemicals g hr <sup>-1</sup>	A1	Every 12 mths	01/07/02
Chemical Oxygen Demand mg l <sup>-1</sup>	S1	Every 3 mths	01/07/02
pH	S1	Every 3 mths	01/07/02
Methanol mg l <sup>-1</sup>	S1	Every 3 mths	01/07/02
Ethanol mg l <sup>-1</sup>	S1	Every 3 mths	01/07/02
Propanol mg l <sup>-1</sup>	S1	Every 3 mths	01/07/02
Phenol mg l <sup>-1</sup>	S1	Every 3 mths	01/07/02
Para Hydroxybenzoic Acid mg l <sup>-1</sup>	S1	Every 3 mths	01/07/02

6. Table S3 of Schedule 3 (Reporting Forms) shall be amended to:

**Table S3: Reporting Forms**

Media/parameter	Form Number	Date of Form
Air	A1	12/04/02
Water	S1	12/04/02
Energy	E1	12/04/02

### **SCHEDULE 3 - CONDITIONS TO BE ADDED**

7. No conditions are to be added