



**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

Solvay Speciality Chemicals Ltd

**Solvay House
Lostock Works
Cheshire
CW9 7ZR**

Variation Notice number

PP3038UF

Permit number

BS5576IL

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.

Brief description of the changes introduced by this variation notice.

This variation amends some conditions in the permit that were inappropriately set.

The limits for releases of particulates to air refer to the periodic extractive sampling. There is no reference to the continuous particulate alarms. These are fitted to 21 release points and alarm if an increase in particulate concentration occurs. The alarms are not calibrated. An additional condition is added to the permit to reference these monitors and state the conditions under which an alarm is to be notified to the Agency under condition 5.1.1.1.

The permit contains the standard condition 2.10.8.1 that requires safe and permanent means of access to enable sampling/monitoring to be carried out in relation to the emission points specified in Schedule 2 to the Permit. However, there are no permanent means of access to emission points A8, A9, A11, A12, A13, A16, and A17 and the costs of installing such access would not represent BAT. The operator will provide safe temporary access whenever it is required. This is considered satisfactory and accordingly this variation removes the requirement to provide permanent access to these points

The permit contains annual release limits for ammonia and carbon monoxide. Both substances are received from the other operator of the installation. In both cases all that is received is released; the ammonia to air or in the liquid effluent, the carbon monoxide to air. The quantities released depend solely on the annual production. Over the past eleven years the annual ammonia release has been beneath the limit given in the permit on only two occasions. The limit is based on the annual tonnage at the time of the application. However, the permit was based on the capacity of the plant and the associated ammonia releases would be considerably greater than the annual limit. It is inappropriate to set a limit less than the operation can achieve. Under these conditions only an improvement programme should have been set. Carbon monoxide releases are similarly throughput dependent. The carbon monoxide is an impurity in the carbon dioxide received from the other operator on the installation and any control of it can only be carried out by that other operator. Accordingly the annual limits are removed and in their place an additional improvement condition regarding carbon monoxide is imposed and the improvement condition for ammonia amended.

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 issued	20/10/2006	
Variation PP3038UF	17/04/2005	

End of introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000



**ENVIRONMENT
AGENCY**

Variation Notice

Permit number (**The Permit**)

BS5576IL

Variation Notice number

PP3038UF

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 20 October 2006 and held by you.

Solvay Speciality Chemicals Limited ("the Operator"),

Of Registered Office

**Baronet Road
Warrington
Cheshire
WA4 6HB**

Company registration number 3650616

which relates to the operation of the Installation at

**Solvay House
Lostock Works
Cheshire
CW9 7ZR**

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

This Notice shall take effect from 18 April 2007 at 00.01 hours.

Signed.....*Catherine Shaw*.....

Authorised to sign on behalf of the Environment Agency

Date *17th April 2007*

SCHEDULE 1 - CONDITIONS TO BE DELETED

Condition 2.2.1.4 is deleted

SCHEDULE 2 - CONDITIONS TO BE AMENDED

Table S2 of Schedule 2 is amended to

Table S2: Reporting of monitoring data			
Parameter	Emission point	Reporting period	Period begins
Particulates mg m ⁻³	A6, A7, A8, A9, A10, A11, A12, A13, A14, A15, A16, A17, A18, A19, A20, A21, A22, A23, A26, A27, A28	Annually	01/01/07
Ammonia (NH ₃) t	Permitted Installation	Annually	01/01/07
Carbon monoxide (CO) t	Permitted Installation	Annually	01/01/07
Carbon dioxide (CO ₂) t	Permitted Installation	Annually	01/01/07
Suspended solids mg/l	W1	Every 3 months	01/01/07
Ammonia mg/l	W1	Every 3 months	01/01/07
pH	W1	Every 3 months	01/01/07
Water usage t	Permitted Installation	Annually	01/01/07
Energy usage MWh	Permitted Installation	Annually	01/01/07
Waste disposal and recovery t	Permitted Installation	Annually	01/01/07

Note 1: Permanent access is not required to release points A8, A9, A11, A12, A13, A16, and A17

Improvement item IC5 of Table 1.4.1 is amended to

Reference	Requirement	Date
IC 5	The Operator shall submit a formal programme of work for reducing fugitive emissions of ammonia and/or the impact of them, having regard to Section 2.2.4 of Agency Guidance Note S4.03. The programme shall include consideration of emissions occurring during mixing, filtration and drying as well as emissions from the ammonia stock tank, head tanks and pumping tanks. The programme shall also include proposals for replacing for disc filters with centrifuges at emission point A6.	20/07/07

SCHEDULE 3 - CONDITIONS TO BE ADDED

Condition 2.10.2 is added

2.10.2 The Operator shall carry out environmental or other specified substance monitoring to the frequencies and methods described in Table 2.10.1

Table 2.10.1 : Other monitoring requirements

Emission point reference or source or description of point of measurement	Substance or parameter	Monitoring frequency	Monitoring method	Other specifications
A6, A7, A8, A9, A10, A11, A12, AQ13, A14, A15, A16, A17, A18, A19, A20, A121, A22, A23, A26, A27, A28	Particulates	continuous	electrodynamic	

Note: The operator shall notify the Agency under condition 5.1.1.1 of any alarm of the continuous particulate monitors, other than those due to instrument malfunction, where the associated system is not shutdown within 15 minutes. All releases covered by condition 5.1.1.3 shall be reported irrespective of the time to shutdown.

Add Improvement Condition IC 11 to Table 1.4.1

Reference	Requirement	Date
IC11	The operator shall review the techniques available to reduce the releases and /or the impact of carbon monoxide to air. A written report on the findings shall be submitted to the Agency. The report shall include where appropriate proposals to reduce the quantities and/or impact	31/03/08

