



**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

Shotton Works

**Corus UK Ltd
Shotton Works
Deeside
Flintshire
CH5 2NH**

Variation Notice number

BP3835MQ

Permit number

BR7321IK

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 Notice has been issued in response to an Application by the operator to remove the particulate monitoring requirements from emission Points A31, A32, A33 and A35 and to change the water supply system by the introduction of water pre-treatment.

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Superseded Licenses/Consents/Authorisations relating to this installation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

[illegible]

End of introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000



**ENVIRONMENT
AGENCY**

Variation Notice

Permit number (The Permit)

BR7321IK

Variation Notice number

BP3835MQ

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 17/03/04 and held by you.

Corus UK Ltd ("the Operator"),

whose Registered Office is

30 Millbank

London SW1P 4WY

United Kingdom

Company registration number 2280000

which relates to the operation of an Installation at

Shotton Works

Deeside

Flintshire

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

This Notice shall take effect from 10/10/2006 at 00.01 hours.

Signed

Paul Nash

Authorised to sign on behalf of the Environment Agency

Date

10/10/06

Effective from 10/10/2006

SCHEDULE A-CONDITIONS TO BE DELETED

1 None

SCHEDULE B-CONDITIONS TO BE AMENDED

2 Condition 2.1.1 to 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 this Permit.

Table 2.1.1: Operating techniques

Description	Parts	Date Received
Application	Chapter 2 and Chapter 7 of Annex 6, Annex 7, Annex 9, Annex 10, Annex 11, Annex 12 and Annex 16.	10 July 2003
Application for Variation	All	5 September 2006
Additional information	All	7 September 2006

3 Condition 2.2.1.3 to be amended to;

2.2.1.3 The limits for emissions to air for the parameter(s) and emission point(s) set out in Table 2.2.2 shall not be exceeded.

Table 2.2.2 : Emission limits to air and monitoring

Emission point reference	Parameter	Limit (including Reference Period) ^{note 1}	Monitoring frequency	Monitoring method
A1 to A10	Oxides of Nitrogen (as NO ₂)	300 mg/m ³ ^{note 2}	Annual ^{note 4}	ISO10849
A1 to A10	Oxides of Nitrogen (as NO ₂)	450 mg/m ³ ^{note 3}	Annual ^{note 4}	ISO10849
A1 to A10	Particulates	50 mg/m ³ ^{note 3}	Annual ^{note 4}	BS EN 13284-1
A11, A12 & A21	Oxides of Nitrogen (as NO ₂)	100 mg/m ³	Annual	ISO10849
A11, A12 & A21	Carbon monoxide	100 mg/m ³ ^{note 5}	Continuous	ISO12039
A11, A12 & A21	Volatile Organic Carbon (as C)	50 mg/m ³	Annual	BS EN 12619:1999 or BS EN 13526:2001
A21	Isocyanates as NCO	0.1 mg/m ³	Annual	MDHS 25/3 & isokinetic sampling

Note 1: See Section 6 for reference conditions

Note 2: Limit under gas firing conditions

Note 3: Limit under oil firing conditions

Note 4: Monitoring only to be undertaken if period of operation exceeds 30 days in any year.

Note 5: Limit based on 24-hour average of 15-minute values

4 Condition 2.2.2.3 to be amended to;

2.2.2.3 Emissions to water from the emission point specified in Table 2.2.4 shall only arise from the sources specified in that Table. Emissions shall only take place over a period of 4 hours commencing 1 hour before high water.

Table 2.2.4: Emission point to water

Emission Point Reference or description	Source	Receiving Water
W1 – Broken Bank Pumping House	Lagoon collecting all site surface waters, treated process effluent and waste water from water supply treatment plant.	River Dee

5 Schedule 2 to be amended
See attached schedule 2.

- 6 **Schedule 3 to be amended**
 See attached schedule 3

Schedule 2 - Reporting of monitoring data

Parameters, for which reports shall be made, in accordance with conditions 4.1.2 and 4.1.3 of this Permit, are listed below.

Table S2: Reporting of monitoring data				
Parameter	Emission point	Reporting period	Period begins	
Sulphur dioxide (Kg)	A1 to A10	Annually	Date of issue of Permit ^{note 4}	See Note 1
Oxides of nitrogen (as NO ₂) (mg/m ³)	A1 to A10,	Annually	Date of issue of Permit ^{note 4}	See Note 2
Carbon monoxide (mg/m ³)	A1 to A10	Annually	Date of issue of Permit ^{note 4}	See Note 2
Oxides of nitrogen (as NO ₂) (mg/m ³)	A1 to A10	Annually	Date of issue of Permit ^{note 4}	See Note 3
Particulates (mg/m ³)	A1 to A10	Annually	Date of issue of Permit ^{note 4}	See Note 3
Carbon monoxide (mg/m ³)	A1 to A10	Annually	Date of issue of Permit ^{note 4}	See Note 3
Oxides of nitrogen (as NO ₂) (mg/m ³)	A11, A12, A21, A31, A32, A33 and A35	Annually	Date of issue of Permit ^{note 4}	
Carbon monoxide (mg/m ³)	A11, A12, and A21	Annual	Date of issue of Permit ^{note 4}	
VOCs (mg/m ³)	A11 to A15, A21 and A22	Annual	Date of issue of Permit ^{note 4}	
Isocyanates as NCO (mg/m ³)	A21	Annual	Date of issue of Permit ^{note 4}	
Flow (m ³ /day)	W1	Every 3 months	01/04/04	Mean and Maximum
Chemical oxygen demand (mg/l)	W1	Every 3 months	01/04/04	Mean and Maximum
Suspended solids (mg/l)	W1	Every 3 months	01/04/04	Mean and Maximum
pH	W1 & Effluent Plant	Every 3 months	01/04/04	Minimum and Maximum
Iron (mg/l)	W1 & Effluent Plant	Every 3 months	01/04/04	Mean and Maximum
Chromium (mg/l)	W1 & Effluent Plant	Every 3 months	01/04/04	Mean and Maximum
Mercury (µg/l)	W1 & Effluent Plant	Every 3 months	01/04/04	
Nickel (mg/l)	W1 & Effluent Plant	Every 3 months	01/04/04	Mean and Maximum
Zinc (mg/l)	W1 & Effluent Plant	Every 3 months	01/04/04	Mean and Maximum

Table S2: Reporting of monitoring data (continued)

Parameter	Emission point	Reporting period	Period begins	
Ammoniacal Nitrogen (mg/l)	W1	Every 3 months	01/04/04	Mean and Maximum
Water usage		Annually	Date of issue of Permit ^{note 4}	
Energy usage		Annually	Date of issue of Permit ^{note 4}	
Waste disposal and/or recovery.		Annually	Date of issue of Permit ^{note 4}	

Note 1 – calculation from sulphur content of fuel oil and fuel oil consumption.

Note 2 – for gas firing conditions

Note 3 – for oil firing conditions if period of operation exceeds 30 days in any year.

Note 4 – the first reporting period shall begin on the date of issue of the permit and end on 31/12/04.

Schedule 3 - Forms to be used

Table S3: Reporting Forms		
Media / parameter	Form Number	
Air	A2	
Water (excluding sewer)	W1	
Energy	E1	
Performance Indicators	PI1	
Waste Return	R1	
Water usage	WU1	