



**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

Airbus UK Limited

Variation Notice number

BV0945

Permit number

BM3965

Asiantaeth yr Amgylchedd Cymru

Ffordd Caer, Bwcle, Sir y Flint, CH7 3AJ

Environment Agency Wales

Chester Road, Buckley, Flintshire CH7 3AJ

Effective from 1 August 2003

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.

There are minor changes to the emission limits for the discharges to surface water, sewer and some additional improvement programme requirements relating to site drainage. Schedule 2 and 3 have also been amended to reflect these changes.

Other PPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
Stiell Facilities Limited	BS4243	15 November 2002
Metal Improvement Co Limited	BS4235	15 November 2002
-	-	-

Superseded Licenses/Consents/Authorisations relating to this installation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 BM3965	Received 24/05/02 Duly made 06/06/02	
Response to Schedule 4 Information Notice	Request dated 13/09/02	Response dated 18/09/02
Request by Agency to extend determination from 06/10/02 to 31/10/02	Request dated 25/09/02	Request accepted 03/10/02
Request by Agency to extend determination from 31/10/02 to 15/11/02	Request dated 28/10/02	Request accepted 06/11/02
Permit BM3965	Determined 15/11/02	
Variation BV0945	Received 10/4/03 Issued 25/7/03	

End of introductory Note



Variation Notice

Permit number (The Permit)

BM3965

Variation Notice number

BV0945

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 November 2002 and held by you.

Airbus UK Limited ("the Operator"),

whose Registered Office is

New Filton House, Filton, Bristol, Avon BS99 7AR

Company registration number 3468788

which relates to the operation of an Installation at

Airbus UK Ltd

Chester Road

Broughton

Chester

CH4 0DR

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

This Notice shall take effect from 01 August 2003 at 00.01 hours.

Signed

A rectangular box containing a handwritten signature in cursive script, which appears to read "A Weedy".

Miss A Weedy

Authorised to sign on behalf of the Environment Agency

Date

A rectangular box containing the handwritten date "25/7/03".

SCHEDULE 1 - CONDITIONS TO BE DELETED

1. None

SCHEDULE 2 - CONDITIONS TO BE AMENDED

2. Condition 6.3.1 shall be amended to:

6.3.1 Emissions to water from the emission point(s) specified in Table 6.3.1 shall only arise from the source(s) specified in that Table.

Table 6.3.1: Emission points into water

Emission Point Reference.	Source	Receiving Water
TE1	MCC treatment plant ⁽¹⁾	Unnamed tributary of Higher Ferry Drain
SW6	Site drainage from site via interceptor ⁽²⁾	Unnamed tributary of Higher Ferry Drain
SW7	Site drainage from site via interceptor	Unnamed tributary of Higher Ferry Drain
SW8	Site drainage from new stringers facility via interceptor into lagoon	Unnamed tributary of Higher Ferry Drain
SW10	Site 5 roof water	Higher Ferry Drain (via SW11)
SW11	Site drainage from MIC, site 5 and Raytheon	Higher Ferry Drain
SW12	Airfield drainage	Higher Ferry Drain (via SW11)
SW15	Site drainage via interceptor from West Factory	River Dee
SW16	Site drainage from site via interceptor	Unnamed tributary of Higher Ferry Drain

Note 1- See improvement condition 9.15. This discharge shall be removed from the controlled water by 31st December 2003

Note 2- Discharge at emission point SW6 will include the discharge from TE1 until such a time as it is removed from the surface water but at the maximum until 31st December 2003.

3. Condition 6.3.3 shall be amended to:

6.3.3 The Operator shall carry out monitoring of the parameters listed in Table 6.3.3, from the emission points and at least at the frequencies specified in that Table.

Table 6.3.3: Emission limits into water

Parameter	Emission Point TE1 ⁽¹⁾	Emission Point SW6, SW7, SW8, SW12, SW15, SW16	Emission Point SW10, SW11
BOD (mg l ⁻¹)	-	-	-
Frequency of monitoring	-	monthly	monthly
COD (mg l ⁻¹)	-	-	-
Frequency of monitoring	-	monthly	monthly
Suspended Solids (mg l ⁻¹)	50	50	-
Frequency of monitoring	weekly	monthly	monthly
pH max	9	9	-
min	6	6	-
Frequency of monitoring	weekly	monthly	monthly
Oil and Grease mg l ⁻¹	-	15	-
Frequency of monitoring	-	monthly	monthly
Total Cr (ug l ⁻¹)	100	-	-
Frequency of monitoring	weekly	monthly	monthly
Flow m ³ per day	75	-	-
Frequency of monitoring	continuous	(2)	-

Note 1- see improvement condition 9.15. The analysis required by this condition for TE1 may cease once the discharge has been removed from the controlled water.

Note 2- see improvement condition 9.11. The Agency will assess the necessity of flow monitoring at these points on receipt of this report.

4. Condition 6.4.1 shall be amended to:

6.4.1 Emissions into sewer from the emission points specified in Table 6.4.1 shall only arise from the sources specified in that Table.

Table 6.4.1 Emission points into sewer

Emission point reference	Source	Sewer
TE1 ⁽¹⁾	MCC Treatment Plant	Main Sewer
TE2	Hawker Treatment Plant	Main sewer
TE3	Stringers Treatment Plant	Main sewer

Note 1- See improvement condition 9.15.

5. Condition 6.4.2 shall be amended to:

6.4.2 The limits for the emissions into sewer for the parameter(s) and emission point(s) set out in Table 6.4.2 shall not be exceeded.

Table 6.4.2 Emission limits into sewer		
Parameter	Emission point TE2, TE3	Emission Point TE1 ⁽¹⁾
Total Cr ug l ⁻¹	500 ⁽²⁾	100
Frequency of monitoring	Every 3 months	Every 3 Months

Note 1- See improvement condition 9.15. This monitoring shall only commence once a trade effluent consent has been issued by Dwr Cymru Welsh Water and the discharge has been redirected to sewer.

Note 2- See improvement condition 9.17

6. Improvement condition 9.3 shall be amended to

9.3 The Operator shall review the Monitoring programme for all emissions from the Installation, following on from an assessment of actual releases. For the emissions to water and sewer this should be based on the first six months after this variation becomes effective. For emissions to air it should be based upon six months of operation of the plant under PPC. A report shall be submitted to the Agency detailing the proposed revised monitoring programme.

28th
February
2004

7. Schedule 2 shall be amended to

Schedule 2

Reporting of monitoring data

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

Table S2: Reporting of monitoring data

Parameter	Emission point	Reporting period	Period begins
VOCs mg m ⁻³	A24-A60	Every 12 months	1 January 2003
Oxides of nitrogen mg m ⁻³	A1-A23 A61-A85	Every 12 months	1 January 2003
Isocyanates mg m ⁻³	A24-A60	Every 12 months	1 January 2003
Particulates mg m ⁻³	A24-A60 A79-A89	Every 12 months	1 January 2003
Chromium mg m ⁻³	A79-A85	Every 12 months	1 January 2003
Biochemical oxygen demand mg l ⁻¹	SW6, SW7, SW8, SW10, SW11, SW12, SW15, SW16	Every 3 months	1 October 2003
Chemical oxygen demand mg l ⁻¹	SW6, SW7, SW8, SW10, SW11, SW12, SW15, SW16	Every 3 months	1 October 2003
Suspended solids mg l ⁻¹	TE1, SW6, SW7, SW8, SW10, SW11, SW12, SW15, SW16	Every 3 months	1 October 2003
Oil and Grease Mg l ⁻¹	SW6, SW7, SW8, SW10, SW11, SW12, SW15, SW16	Every 3 months	1 October 2003
pH	TE1, SW6, SW7, SW8, SW10, SW11, SW12 SW15, SW16	Every 3 months	1 October 2003
Total Chrome mg l ⁻¹	TE1, SW6, SW7, SW8, SW10, SW11, SW12, SW15, SW16	Every 3 months	1 October 2003
Total Chrome mg l ⁻¹	TE1, TE2, TE3	Every 3 months	1 October 2003

8. Schedule 3 shall be amended to

Schedule 3

Forms to be used

Unless otherwise agreed in writing between Agency and the Operator, the following Agency forms are to be used for reports submitted to Agency.

Media/parameter	Form Number	Date of Form
Air	A1.1	07/11/02
Air	A1.2	07/11/02
Air	A2.1	07/11/02
Air	A2.2	07/11/02
Air	A3.1	07/11/02
Air	A3.2	07/11/02
Air	A4.1	07/11/02
Air	A4.2	07/11/02
Air	A5.1	07/11/02
Water	W1	17/07/03
Water	W2	17/07/03
Water	W3	17/07/03
Water	W4	17/07/03
Water	W5	17/07/03
Water	W6	17/07/03
Water	W7	17/07/03
Sewer	S1	17/07/03
Energy	E1	07/11/02

SCHEDULE 3 - CONDITIONS TO BE ADDED

9. Improvement Conditions 9.10 – 9.17 shall be added to Table 9.1.1

Table 9.1.1: Improvement programme requirements

Reference	Requirement	Date
9.10	The Operator shall undertake an assessment to determine whether any of the aqueous emissions are liable to contain any of the specified List I and List II Substances (as defined in the Dangerous Substances Directive 76/464/EEC). A report shall be provided to the Agency.	30 th Jan 2004
9.11	The Operator shall submit details of the approximate surface area that drain through each of the surface water outfalls. Based on rainfall data from average and maximum rainfall figures for the last five years, calculations should be carried out to assess the likely resultant volume of the discharge to each surface water point. A report shall be submitted to the Agency.	30 th October 2003
9.12	The Operator shall carry out a review of analytical methods used to monitor releases to water having regard to the standard methods given in current guidance. Where the standards are not met, the Operator shall provide a timescale to introduce them.	31 st October 2003
9.13	The Operator shall undertake an investigation to establish the source of the diesel contamination that has been found in SW12. A report shall be submitted to the Agency detailing timescales and actions to be taken to remove the contamination.	30 th April 2004
9.14	Chromium contamination has been found in the site drainage discharges. On occasions there have also been high BOD and COD on the site drainage. An investigation should be carried out to establish the source of this chromium contamination and high BOD / COD. A report shall be submitted to the Agency detailing the source of the contamination, remediation proposed and timescales.	31 st December 2003
9.15	The Operator shall cease the discharge of trade effluent to controlled waters by 31 st December 2003. The Operator has agreed with Dwr Cymru Welsh Water that this discharge can be redirected to the foul sewer. A report shall be forwarded to the Agency once this discharge to controlled water has ceased.	31 st January 2004
9.16	A number of the permitted surface water discharges contain run off from the airfield. The Operator shall undertake an investigation into the quality of the run off from the airfield following the use of anti freeze and a heavy downpour. A report shall be submitted to the Agency.	30 th June 2004

9.17

The Operator shall investigate possible methods and timescales to decrease the chromium in the trade effluent discharged from TE2 and TE3. A report shall be submitted to the Agency.

31st January
2004