



**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

**Airbus UK Ltd
Chester Road
Broughton
Chester
Flintshire
CH4 0DR**

Variation Notice number

TP3737PJ

Permit number

BM3965

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.

The installation boundary has been increased on the west factory. A new waste storage facility for the West Factory has been built in this area. A number of boilers are due to be replaced by new CHP plant. These boilers and the associated emission points have therefore been removed from the Permit. The new CHP plant are covered under Permit number BS4243 (as varied).

There are also minor changes to the emission limits for the discharges to air, schedule 2 and 3 have been amended to reflect these changes.

Other PPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
McAlpine Business Services	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Superseded Licenses/Consents/Authorisations relating to this installation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
Airbus Variation	BV0945IG	1 st August 2003
-	-	-
-	-	-

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	
Variation TP3737 PJ	Received 29/06/04 Duly made 09/07/04	
Additional information supplied by Operator	Received 13/07/04	Relating to monitoring protocol and clarification of number of emission points and removal of boiler plant
Additional information supplied by Operator	Received 2 nd August 2004 Received 18 th October 2004 Received 12 th May 2005	
Request by Agency to extend determination from 29 th September 2004 to 31 st May 2005	Request dated 4 th May 2005	Request Accepted 9 th May 2005
Request by Agency to extend determination from 31 st May to 30 th June 2005	Request dated 27 th May 2005	Request Accepted 1 st June 2005
Variation TP3737 PJ	Issued 30 th June 2005	

End of introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000



**ENVIRONMENT
AGENCY**

Variation Notice

Permit number (**The Permit**)
BM3965

Variation Notice number
TP3737PJ

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 30th June 2005 at 00.01 hours.

Signed

J. Adamson

Authorised to sign on behalf of the Environment Agency

Date

30th June 2005

Effective from 30th June 2005

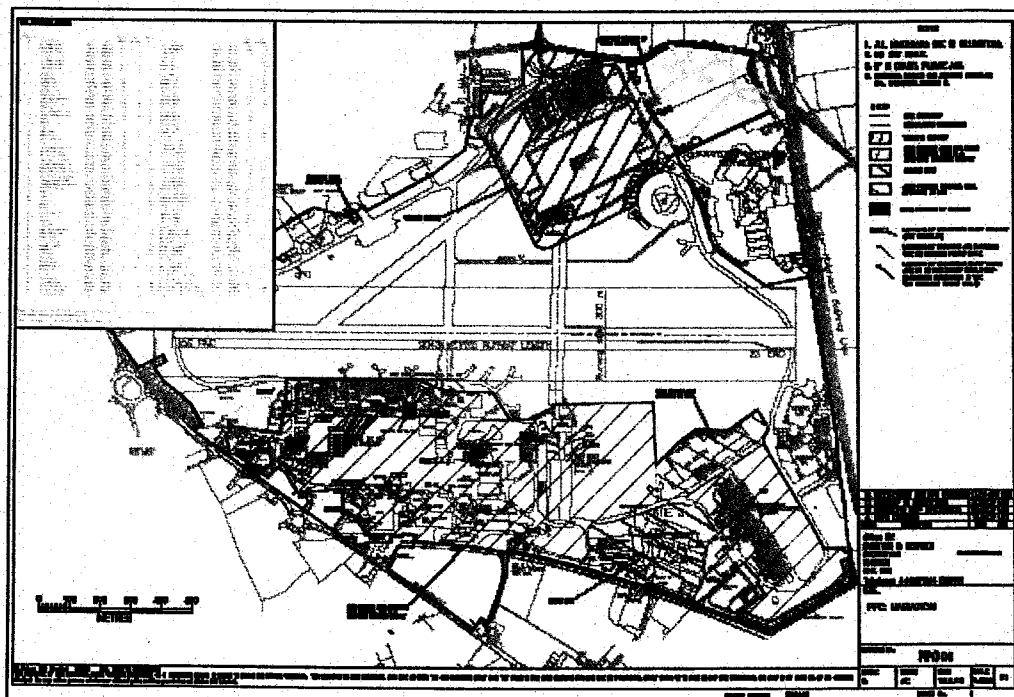
SCHEDULE 1 - CONDITIONS TO BE DELETED

1. None

SCHEDULE 2 - CONDITIONS TO BE AMENDED

2. Condition 1.1.2 to be amended to

- 1.1.2 The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the upper and lower areas on the plan below edged in blue.



3. Condition 2.5.1 to be amended to

- 2.5.1 The Operator shall, subject to the conditions of this Permit, handle and store waste as described in the documentation specified in Table 2.5.1, or as otherwise agreed in writing by the Agency.

Table 2.5.1: Waste handling and storage

Description	Parts	Date Received
Application	The response to question 2.5. given in pages 95 to 104 and within section 2.5 of the application	06/06/02
Additional Information in letter dated 22/08/02	Items 30, 39, 40, 42	27/08/02
Application for variation TP3737PJ	Details on the new waste facility on the West Factory	29/06/04

4. Condition 2.5.2 to be amended to

2.5.2 Waste materials specified in Table 2.5.2 shall only be stored on the site in the location and manner specified in that Table.

Table 2.5.2: Waste Storage Areas

Description of Waste	Location of Storage on Site	Manner of Storage	Storage Conditions
East Factory Hazardous Waste including miscellaneous chemicals, paint filters, empty paint thinner tins.	Hazardous Waste Store East Factory Location 3 on drawing PPC 003	Various storage methods drums containers etc, (waste stream specific)	Purpose built, secure storage, impermeable base, banded.
Non Hazardous Waste including wood, paper, card, plastic.	Location 19 on Drawing PPC 003	Stored in 660 litre wheeled towable containers.	Purpose built, secure storage, impermeable base, banded
Paint, sealant and rags	Various locations on site dependent on production	Sealed skip	Sealed skip
Single Aisle Spray Booth (Aqueous waste)	Location 31 on Drawing PPC 003	Underground Tank	Purpose built Tank
Site 5 Spray Booth (aqueous waste)	Location 29 on Drawing PPC 003	Underground Tank	Purpose built Tank
Waste Oil	Garage	Bulk Storage	Bulk Storage undercover in garage (Tank)
Any waste generated at the West Factory	Waste Facility Unit on Drawing PPC 04	Various storage methods drums containers etc, (waste stream specific)	Purpose built, secure storage, impermeable base, banded.

5 Condition 2.10.1 to be amended to

2.10.1 The Operator shall, subject to the conditions of this Permit, carry out, evaluate and assess monitoring as described in the documentation specified in Table 2.10.1, or as otherwise agreed in writing by the Agency.

Table 2.10.1 : Monitoring

Description	Parts	Date Received
Application	The response to question 2.10 given in pages/section 2.10 of the application	06/06/02
Additional Information	Revised table 2.1.2	27/08/02
Additional Information	Monitoring Protocol	13/07/04

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6 Condition 6.1.1 to be amended to

6.1.1

Emissions to air from the emission point(s) specified in Table 6.1.1 shall only arise from the source(s) specified in that Table.

Table 6.1.1: Emission points into air

Emission point reference/description	Source	Location of emission point
A4	HWB04 2.3 MW Process heater	Point 41 on Plan
A5	HWB05 4.4 MW Process Heater	Point 42 on Plan
A6	HWB06 2MW Space Heater	Point 38 on Plan
A7	HWB07 2 MW Space Heater	Point 26 on Plan
A8	HWB10 0.75 MW Space Heater	Point 21 on Plan
A9	HWB11 0.75 MW Space Heater	Point 22 on Plan
A10	HWB12 & 13 2 x 1.75 MW Space Heater	Point 23 on Plan
A12	HWB14 & 15 2 x 0.6 MW Space Heater	Point 24 on Plan
A14	WAH17 & 18 2 x 1.1 MW Space Heater	Point 43 on Plan
A19	WAH22 0.6 MW Space Heater	Point 44 on Plan
A20	WAH23 0.67 MW Space Heater	Point 40 on Plan
A21	WAH24 1.044 MW Space Heater	Point 39 on Plan
A22	Hangar 89 Boiler 0.5 MW	Point 58 on Plan
A23	Hangar 91 Boiler 1.0 MW	Point 56 on Plan
A24	Dash 600 Oven & Spray Booth	Point 14 on Plan
A26	Dash Paint Mix	Point 51 on Plan
A27	Site 5 Prep Booth 1	Point 28 on Plan
A28	Site 5 Prep Booth 2	Point 27 on Plan
A29	Site 5 Spray Booth 1	Point 29 on Plan
A30	Site 5 Spray Booth 2	Point 30 on Plan
A31	Site 5 Detail Booth 1	Point 31 on Plan
A32	Site 5 Detail Booth 2	Point 32 on Plan
A33	Site 5 Detail Booth Oven	Point 33 on Plan
A34	Site 5 Paint Mix	Point 34 on Plan
A35	Single Aisle 1(Booth 1)	Point 80 on Plan
A36	Single Aisle 2 (Booth 1)	Point 81 on Plan
A37	Single Aisle 3 (Booth 1)	Point 82 on Plan
A38	Single Aisle 4 (Booth 1)	Point 83 on Plan
A39	Single Aisle 5 (Booth 1)	Point 84 on Plan
A40	Single Aisle 6 (Booth 1)	Point 85 on Plan
A41	Single Aisle 7 (Booth 2)	Point 86 on Plan
A42	Single Aisle 8 (Booth 2)	Point 87 on Plan
A35a	Single Aisle 9 (Booth 3)	Point 35a on Plan

A36a	Single Aisle 10 (Booth 3)	Point 36a on Plan
A37a	Single Aisle 11 (Booth 4)	Point 37a on Plan
A38a	Single Aisle 12 (Booth 4)	Point 38a on Plan
A39a	Single Aisle 13 (Booth 4)	Point 39a on Plan
A40a	Single Aisle 14 (Booth 4)	Point 40a on Plan
A41a	Single Aisle 15 (Booth 4)	Point 41a on Plan
A42a	Single Aisle 16 (Booth 4)	Point 42a on Plan
A43	Single Aisle Paint Mix	Point 88 on Plan
A44	Binks Spray Booths 1 and 2, paint mix and oven	Point 60 on Plan
A48	Hangar 91 Spray Booth 1	Point 66 on Plan
A49	Hangar 91 Spray Booth 2	Point 67 on Plan
A50	Hangar 91 Spray Booth 3	Point 68 on Plan
A51	Hangar 91 Spray Booth 4	Point 69 on Plan
A52	Hangar 91 Spray Booth 5	Point 70 on Plan
A53	Hangar 91 Spray Booth 6	Point 71 on Plan
A54	Hangar 91 Paint Mix	Point 72 on Plan
A55	Stringer Booth Spray & Paint Mix	Point 35 on Plan
A56	Stringer Booth Oven	Point 36 on Plan
A58	West Paint Shop 1	Point 52 on Plan
A59	West Paint Shop 2	Point 53 on Plan
A60	West Paint Mix	Point 54 on Plan
A61-A72	Creep Autoclaves 1-12	Points 93-104 on Plan
A73-A78	Hawker Autoclaves	Points 105-110 on Plan
A79	MCC Treatment Tank 5	Points 115 on Plan
A81	MCC treatment Tank 1-2	Point 122 on Plan
A82	MCC Treatment Tank 9	Point 117 on Plan
A83	MCC Treatment Tank 11	Point 123 on Plan
A84	Stringer Treatment	Point 120 on Plan
A85	Hangar 89 Treatment & Effluent Treatment	Point 119 on Plan
A86-A89	Hangar 89 Grit Blast 1-4	Points 111-114 on Plan
A90	MCC Effluent Treatment	Point 118 on Plan
A91	Stringer Effluent Treatment	Point 121 on Plan
A93	340 Receiving Shed	WAH 25
A94	340 Receiving Shed	WAH 26
A95	340 Receiving Shed	WAH 27
A96	340 Receiving Shed	WAH 28
A97	340 Receiving Shed	WAH 29
A98	340 Receiving Shed	WAH 30
A99	Surgery entrance	WAH 31
A100	Site 5	WAH 32
A101	ASPA Receiving	WAH 33
A102	H79	WAH34
A103	Dog kennel	WAH 35
A104	Fire Station	2 units
A105	Hangar 91 Paintshops	Burner 1
A106	Hangar 91 Paintshops	Burner 2

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A107	Hangar 91 Paintshops	Burner 3
A108	Hangar 91 Paintshops	Burner 4
A109	Hangar 91 Paintshops	Burner 5
A110	Hangar 91 Paintshops	Burner 6
A111	Binks	Burners 1, 2, 3, 4 and 5
A112	Site 5 – Booth 1	Burner 1
A113	Site 5 – Booth 1	Burner 2
A114	Site 5 – Booth 2	Burner 1
A115	Site 5 – Booth 2	Burner 2
A116	Site 5 prep booth 1	
A117	Site 5 prep booth 2	
A118	Site 5 prep booth	
A119	Dash 600 paintshop	
A120	Dash 600 paintshop	
A121	Stringers paintshop	

7 Condition 6.1.3 shall be amended to

6.1.3 The Operator shall carry out monitoring of the parameters listed in Table 6.1.3 from the emission points and at least at the frequencies specified in that Table.

Table 6.1.3: Emission Limits to Air			
Emission point reference / description	PARAMETERS		
	Oxides of Nitrogen (as NO ₂) mg m ⁻³		Frequency of Monitoring
Combustion Plant A4 – A14 and A19 – A23 and A113, A115	200		Annually
	Volatile Organic Compounds (as carbon) mg m ⁻³ Frequency of monitoring	Particulate mg m ⁻³ (min 4 hour sample) Frequency of Monitoring	Isocyanates mg m ⁻³ Frequency of Monitoring
Dash 600 A24 and A26	50 Annually ¹	20 Annually ¹	0.1 Annually ¹
<i>Note 1: Spray Booth and Oven Stack discharge via Emission Point A24. Sample should be obtained annually which is representative of both operating modes.</i>			
Site 5 A27 and A28	-	20	-
A29 – A34	50 Annually	Annually 20 Annually	0.1 Annually
Single Aisle Paintshop A35 – A43 and A35a – A42a	50 Annually ²	20 Annually ²	0.1 Annually ²
<i>Note 2: An annual representative sample shall be taken from one sample point from each of the four booths and from the paint mix room. (five samples in total).</i>			

Binks			
A44	50	20	0.1
	Annually ³	Annually ³	Annually ³
Note 3: Two spray booths, the paint mix and the oven all discharge through A44. A sample shall be obtained annually from A44 which is representative of each operating mode.			
Hangar 91			
A48 – A54	50	20	0.1
	Annually ⁴	Annually ⁴	Annually ⁴
Note 4: A representative sample shall be taken annually from one sample point per large booth. The sample points monitored shall be rotated year to year. An annual sample shall also be taken from A54.			
Stringers			
A55 and A56	50	20	0.1
	Annually ⁵	Annually ⁵	Annually ⁵
Note 5: Emission point A55 takes discharges from the spray booth and the paint mix. A sample shall be obtained annually from A55 which is representative of each operating mode. An annual sample shall also be taken from A56.			
West Factory			
A58 – A 60	50	20	0.1
	Annually	Annually	Annually
		Oxides of Nitrogen (as NO₂) mg m⁻³	
		Frequency of Monitoring	
Autoclaves A61 – A78		200	
		Annually	
		Total Chrome as chromium mg m⁻³	
		Frequency of Monitoring	
Treatment Tanks			
A82		0.1	
		Annually	
A84		0.1	
		Annually	

A85	0.1
	Annually
	Particulate mg m ⁻³ (min 4 hour sample)
	Frequency of Monitoring
Hangar 89 Grit Blast A86 – A89	50 Annually ⁶
<i>Note 6: There are a total of four discharge points from the grit blast filtration system. A sample shall be obtained annually from one of the emission points from each of the two filtration systems i.e. two samples in total.</i>	

8 Condition 6.6.1 shall be amended to:

6.6.1 After the completion of construction and commissioning, noise emitted from the site shall not exceed the following levels as measured at noise sensitive premises in accordance with the methods described in BS4142:

West Factory: 45dB LAeq 1 hour (day limit)
34 dB LAeq 5 minutes (night limit)

Stringers Facility and Hangar 89:

45 dB LAeq 1 hour (day limit)
30 dB LAeq 5 minutes (night limit)

Creep and Skin Mill:

40 dB LAeq 1 hour (day limit)
35 dB LAeq 5 minutes (night limit)

9 Condition 6.6.2 shall be amended to:

6.6.2 Noise emitted from on site deliveries between the buildings described shall not exceed the following levels as measured at noise sensitive premises in accordance with the methods described in BS 4142:

West Factory:

Between 23:00 and 07:00 43dB LAeq 5 minutes

Stringers Facility and Hangar 89:

Between 23:00 and 07:00 40 dB LAeq 5 minutes

Creep and Skin Mill:

Between 23:00 and 07:00 40 dB LAeq 5 minutes

10 Schedule 2 shall be amended to:

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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.

SCHEDULE 3 REPORTING FORMS EMISSIONS TO AIR

Permit Number BM3965

Airbus UK Limited

Release Summary for 12 months to 31 December 200

Releases of Particulates

Table S3: A4.2 Reporting Form			
Emission Point	Date of Sampling for Particulates mg m ⁻³	Result of Sampling for Particulates mg m ⁻³	Permit Limit mg m ⁻³
A51			20
A52			20
A53			20
A54			20
A55			20
A56			20
A57			20
A58			20
A59			20
A60			20
A86			50
A87			50
A88			50
A89			50

Signed on behalf of Airbus UK Ltd _____

Dated _____

SCHEDULE 3 REPORTING FORMS EMISSIONS TO AIR

**Permit Number BM3965
Airbus UK Limited**

Release Summary for 12 months to 31 December 200

Releases of Chromium

Table S3: A5.1 Reporting Form			
Emission Point	Date of Sampling for Chromium mg m ⁻³	Result of Sampling for Chromium mg m ⁻³	Permit Limit mg m ⁻³
A82			0.1
A84			0.1
A85			0.1

Signed on behalf of Airbus UK Ltd _____

Dated _____

**SCHEDULE 3 REPORTING FORMS
EMISSIONS TO AIR**

Permit Number BM3965

Airbus UK Limited

Release Summary for 12 months to 31 December 200

Releases of Isocyanates

Table S3: A3.2 Reporting Form			
Emission Point	Date of Sampling for Isocyanates mg m ⁻³	Result of Sampling for Isocyanates mg m ⁻³	Permit Limit mg m ⁻³
A48			0.1
A49			0.1
A50			0.1
A51			0.1
A52			0.1
A53			0.1
A54			0.1
A55			0.1
A56			0.1
A57			0.1
A58			0.1
A59			0.1
A60			0.1

Signed on behalf of Airbus UK Ltd _____

Dated _____

SCHEDULE 3 REPORTING FORMS EMISSIONS TO AIR

Permit Number BM3965

Airbus UK Limited

Release Summary for 12 months to 31 December 200

Releases of Particulates

Table S3: A4.1 Reporting Form			
Emission Point	Date of Sampling for Particulates mg m ⁻³	Result of Sampling for Particulates mg m ⁻³	Permit Limit mg m ⁻³
A24			20
A25			20
A26			20
A27			20
A28			20
A29			20
A30			20
A31			20
A32			20
A33			20
A34			20
A35			20
A36			20
A37			20
A38			20
A39			20
A40			20
A41			20
A42			20
A43			20
A44			20
A48			20
A49			20
A50			20

Signed on behalf of Airbus UK Ltd _____

Dated _____