



**ENVIRONMENT  
AGENCY**

# **Variation Notice with introductory note**

**Pollution Prevention and Control (England & Wales) Regulations 2000**

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**Broughton Aircraft Factory**

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

**Variation Notice Number  
NP3235MQ**

**Permit number  
BM3965**

# Broughton Aircraft Factory

## Permit Number BM3965

### Introductory note

***This introductory note does not form a part of the permit***

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.

Airbus UK Ltd applied for a variation to include a new paintshop, with two new associated gas fired combustion plant and a second pin cleaning facility. The variation also included the request to alter the monitoring strategy for surface water, air and noise. A number of minor operational changes made since the issue of the original Permit have also been incorporated into the Application. As part of the determination the Environment Agency have carried out a Regulation 15 review and have issued a consolidated Permit.

Status Log of the permit		
Detail	Date	Response Date
Application BM3965	Received 24/05/02 Duly Made 06/06/02	
Response to Schedule 4 Information Notice		18/09/02
Request by Agency to extend determination from 06/10/02 to 31/10/02		03/10/02
Request by Agency to extend determination from 31/10/02 to 15/11/02		06/11/02
Permit BM3965	Determined 15/11/02	
Variation BV0945	Received 10/04/03 Determined 25/07/03	
Variation TP3737PJ	Received 29/06/04 Duly Made 09/07/04	
Additional Information supplied by Operator	Received 13/07/04 Received 02/08/04 Received 18/10/04 Received 12/05/05	
Request by Agency to extend determination from 29/09/04 to 31/05/05		09/05/05
Request by Agency to extend determination from 31/05/05 to 30/06/05		01/06/05
Variation TP3737 PJ	Determined 30/06/05	
Application NP3235MQ	Received 04/12/06 Duly Made 12/12/06	
Variation notice NP3235MQ issued	26/01/07	

**Other PPC permits relating to this installation**

Operator	Permit Number	Date of Issue
Alfred McAlpine Business Services Ltd	BS4243	15/11/02
Metal Improvement Company LLC	BS4235	15/11/02

**Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation**

Holder	Reference Number	Date of Issue	Fully or Partially Superseded
BAE Systems	PP/0036	05/07/95	Fully
Airbus UK Ltd	CG0333801	12/05/99	Fully

End of Introductory Note

**Variation Notice**

Pollution Prevention and Control  
(England and Wales) Regulations 2000

## Variation Notice

Permit number

**BM39651A**

Variation number

**NP3235MQ**

The Environment Agency (the Agency) in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby varies the permit held by you

**Airbus UK Limited** ("the operator"),

whose registered office is

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

company registration number 3468788

to operate part 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 .

The notice shall take effect from 26/01/07

Signed

Date

	<i>26<sup>th</sup> January 2007</i>
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**Paul Nash**

Authorised to sign on behalf of the Agency

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

1. All conditions and schedules are deleted

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

2. None

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

3. The following conditions are added to the permit

## **1 Management**

### **1.1 General management**

- 1.1.1 The activities shall be managed and operated:

- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.

- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

### **1.2 Accident Management Plan**

- 1.2.1 The operator shall:

- (a) maintain and implement an accident management plan;
- (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
- (c) make any appropriate changes to the plan identified by a review.

### **1.3 Energy efficiency**

- 1.3.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

## **1.4 Efficient use of raw materials**

1.4.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every 4 years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any appropriate further measures identified by a review.

## **1.5 Avoidance, recovery and disposal of wastes produced by the activities**

1.5.1 The operator shall:

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

## **1.6 Site security**

1.6.1 Site security measures shall prevent unauthorised access to the site, as far as practicable.

## **1.7 Multiple operator installations**

1.7.1 Where the operator notifies the Agency under condition 4.3.1 (a) or 4.3.1 (c), the operator shall also notify without delay the other operator(s) of the installation of the same information.

1.7.2 The Operator shall hold monthly meetings with all permit holders operating activities in the same Installation to ensure Installation wide issues are fully considered.

# **2. Operations**

## **2.1 Permitted activities**

2.1.1 The operator is authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

## **2.2 The site**

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in blue on the site plan at schedule 2 to this permit, which is within the area edged in red on the site plan that represents the extent of the installation covered by this permit and that/those of (the) other operator(s) of the installation.

## **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1 table S1.2, unless otherwise agreed in writing by the Agency.
- 2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.

## **2.4 Off-site conditions**

- 2.4.1 There are no off-site conditions under this section.

## **2.5 Improvement programme**

- 2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Agency.
- 2.5.2 Except in the case of an improvement which consists only of a submission to the Agency, the operator shall notify the Agency within 14 days of completion of each improvement.

## **2.6 Pre-operational conditions**

- 2.6.1 There are no pre-operational conditions in this permit.

## **2.7 Closure and decommissioning**

- 2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.
- 2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.
- 2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.
- 2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

## **3. Emissions and monitoring**

### **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 tables S4.1, S4.2 and S4.3.
- 3.1.2 The limits given in schedule 4 shall not be exceeded.
- 3.1.3 Where a substance is specified in schedule 4 table S4.2 or S4.3 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration.

### **3.2 Transfers off-site**

- 3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

### **3.3 Fugitive emissions of substances**

- 3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 No condition applies
- 3.3.3 No condition applies
- 3.3.4 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

### **3.4 Odour**

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the odour.

### **3.5 Noise and vibration**

- 3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.



## **3.6 Monitoring**

- 3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake monitoring specified in the following tables in schedule 4 to this permit:
- (a) point source emissions specified in tables S4.1, S4.2 and S4.3;
  - (b) noise specified in table S4.4;
- 3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.
- 3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1, S4.2 and S4.3 unless otherwise specified in that schedule.

## **4. Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Agency, for at least 6 years from the date when the records were made;
- 4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.
- 4.1.3 All records required to be held by this permit shall be held on the site and shall be available for inspection by the Agency at any reasonable time.
- 4.1.4 The Operator shall update and maintain a list of all combustion plant on the Installation (with Alfred McAlpineBusiness Services Ltd). The list shall be made available upon request.

### **4.2 Reporting**

- 4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;
  - (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
  - (c) the annual production /treatment data set out in schedule 5 table S5.2;
  - (d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and
  - (e) details of any contamination or decontamination of the site which has occurred.
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 5 table S5.1;
  - (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4 ; and
  - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.4 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency

## 4.3 Notifications

- 4.3.1 The Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the permit;
  - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.
- 4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
- (a) as soon as practicable prior to the permanent cessation of any of the activities;

- (b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and
  - (c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.
- 4.3.4 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.5 Where the Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.6 No condition applies
- 4.3.7 No condition applies
- 4.3.8 No condition applies
- 4.3.9 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the operator's trading name, registered name or registered office address;
  - (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
  - (c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- 4.3.10 Where the operator has entered into a climate change agreement with the Government, the Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
  - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
  - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.
- 4.3.11 Where the operator has entered into a direct participant agreement in the emissions trading scheme which covers emissions relating to the energy consumption of the activities, the operator shall notify the Agency within one month of:
- (a) a decision by the operator to withdraw from or the Secretary of State to terminate that agreement.
  - (b) a failure to comply with an annual target under that agreement at the end of the trading compliance period.

## 4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

# Schedule 1 - Operations

**Table S1.1 activities**

Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity	Limits of specified activity
S1.1A (1) (a)	Dispersed Combustion Plant	Delivery of raw materials to exhaust of products of combustion and delivery of hot water or steam.
S2.3(1) (a)	Chrome Anodising	Delivery of raw materials and despatch of material for further processing. Delivery of effluent to effluent treatment plant. Exhaust from scrubbers.
S6.4 B (a)	Painting of wing structures	Delivery of raw material to despatch of finished product. Exhaust of air from plant.
S6.4 B (a) (iv)	Pin Cleaning	Delivery of fasteners, cleaning and dispatch for re-use. Exhaust from unit.
<b>Directly Associated Activity</b>		
Manufacture of Wing Structures	Manufacture of components and assembly of structures	Delivery of raw material to despatch of finished product
Machining	Manufacture of components	Delivery of raw material to despatch of material for further processing
Grit Blasting	Surface Treatment of Components	Delivery of raw material to despatch of material for further processing
Autoclaves	Assembly of Components	Delivery of raw material to despatch of material for further processing
Effluent Treatment	Treatment of effluent from Chrome Anodising	Receipt of effluent from Chrome Anodising to discharge of treated effluent. Despatch of waste material. Exhaust to atmosphere.

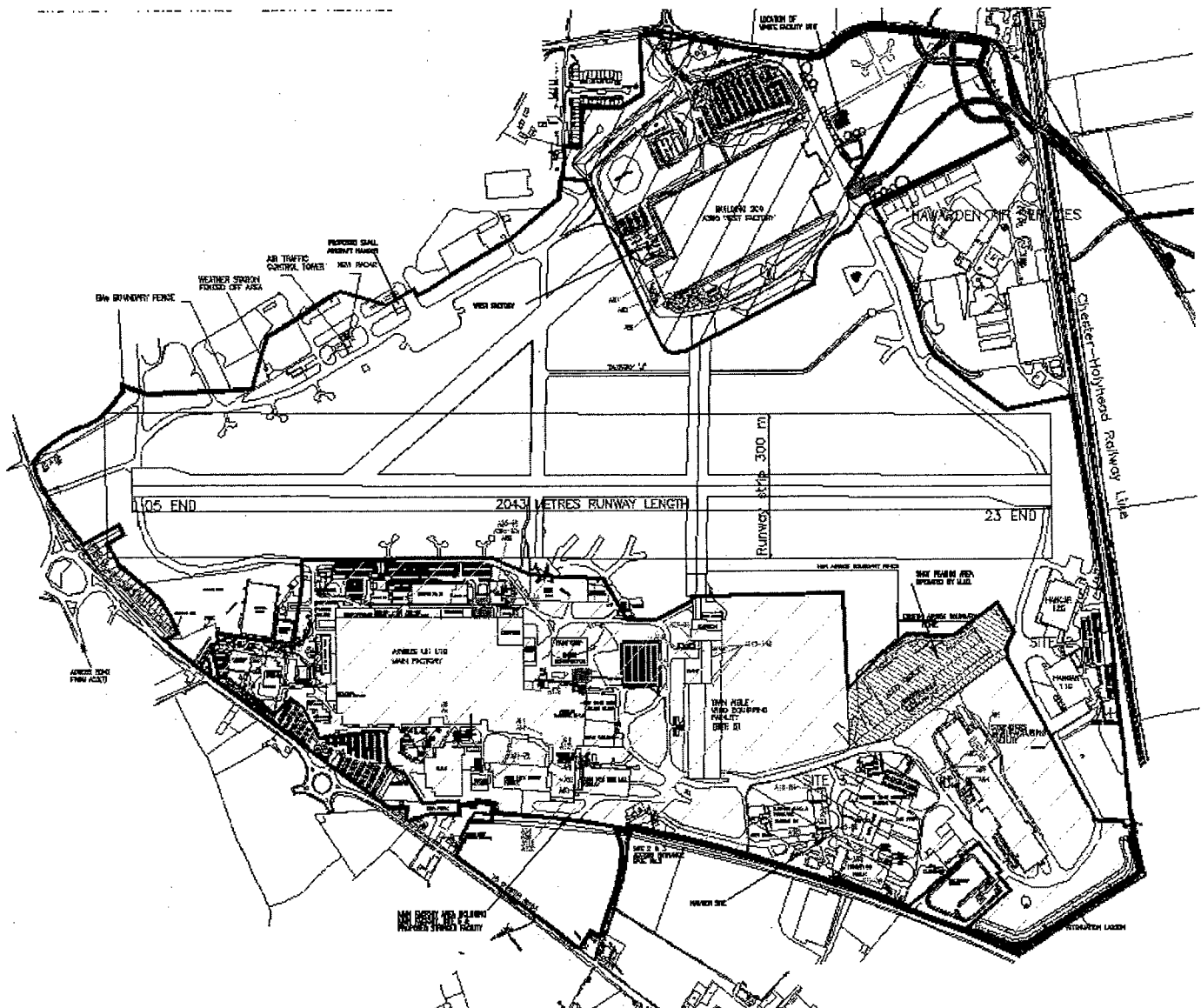
**Table S1.2 Operating techniques**

Description	Parts	Date Received
Application	The response to section 2.1, 2.2 and 2.3 in the Application.	04/12/06
Additional information from the Operator	Atmospheric Dispersion Modelling	08/01/07
Additional information from the Operator	Re-submission of main text of the Application, PPC 04, PPC 06 and Table 2.10.2 Surface Water Monitoring	15/01/07
Additional information from the Operator	Atmospheric Dispersion Modelling for Onsite Receptors and Conversion of nitric oxide to nitrogen dioxide.	17/01/07

**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
IC1	The Operator shall continue with the programme to remove chromium from the production process. A summary report shall be submitted to the Agency identifying progress towards this removal by the due date and then annually until completion.	31/12/07 and annually until chromium removed
IC2	The Operator shall carry out a BAT review of the interim single aisle paintshop. A report summarising the improvements identified and associated timescales shall be submitted to the Agency.	30/06/07
IC3	On completion of two years worth of VOC mass balance data from the paint shops the Operator shall review the VOC emitted from each individual paintshop per tonne of finished product. A summary report shall be submitted to the Agency including timescales for any improvements highlighted.	31/12/08
IC4	The Operator shall complete the link up of the boiler plant (associated with the final single aisle paintshop) to the CHP, as detailed in the Application.	31/12/09
IC5	The Operator shall investigate the source of the chrome contamination in SW16. A summary report shall be submitted to the Agency including timescales for any improvements highlighted.	30/06/07
IC6	On completion of two years worth of surface water monitoring following this variation the Operator shall review the results obtained. A proposed revised programme of monitoring shall be forwarded to the Agency.	31/12/08
IC7	The Operator shall carry out a BAT review of the existing and proposed new pin cleaning machines. A report summarising the improvements identified and associated timescales shall be submitted to the Agency.	31/10/07
IC8	The Operator shall review the relevant Environmental Management System Procedures following the issue of this Variation. All amendments required shall be implemented into the EMS by the due date.	31/07/07
IC9	The Operator shall reassess the input data and results of the on site air modelling with respect to the impact of chromium from the Paintshops. A report shall be submitted to the Agency including timescales for any improvements identified.	31/05/07

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# Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Paints	PG6/40 Compliant

## Schedule 4 – Emissions and monitoring

**Table S4.1 Point source emissions to air – emission limits and monitoring requirements**

Emission point ref. & location (on PPC 04 F)	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
<b>Chrome Anodising and Effluent Treatment Plant</b>						
<b>MCC</b>						
A79, A81, A83	N/A	Tanks 1, 2, 5 and 11 on the MCC treatment line	N/A	N/A	N/A	N/A
A90	N/A	MCC Effluent Treatment	N/A	N/A	N/A	N/A
A82	N/A	Tank 9	N/A	N/A	N/A	N/A
<b>Hawker</b>						
A85	N/A	Hangar 89 treatment line	N/A	N/A	N/A	N/A
<b>Stringers</b>						
A84	N/A	Stringer treatment line	N/A	N/A	N/A	N/A
A91	N/A	Stringer effluent treatment	N/A	N/A	N/A	N/A
<b>Paint Shops</b>						
<b>Dash 600</b>						
A24, A26	VOCs	Oven, spray booth and paint mix	N/A	N/A	Quarterly	Mass Balance
<b>Site 5</b>						
A27 – A34	VOCs	Prep booths, spray booths, detail booths, detail booth oven and paint mix	N/A	N/A	Quarterly	Mass Balance
<b>Interim Single Aisle</b>						
A35 – A43 A35a – A42a	VOCs	Booths and paint mix	N/A	N/A	Quarterly	Mass Balance
<b>Binks</b>						
A44	VOCs	Spray booths, paint mix and oven	N/A	N/A	Quarterly	Mass Balance
<b>Hangar 91</b>						
A48 – A54	VOCs	Spray booths and paint mix	N/A	N/A	Quarterly	Mass Balance
<b>Stringer</b>						
A55, A56	VOCs	Spray booth, paint mix and booth oven	N/A	N/A	Quarterly	Mass Balance
<b>West</b>						
A58 – A60	VOCs	Paint shops and paint mix	N/A	N/A	Quarterly	Mass Balance
<b>Final Single Aisle</b>						
A177 – A181	VOCs	Prep booth and paintshop	N/A	N/A	Quarterly	Mass Balance



**Grit Blast**

A86 – A89	N/A	Hangar 89 Grit Blast	N/A	N/A	N/A	N/A
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**Pin Cleaning**

A182	VOC	Pin Cleaning Machine	N/A	N/A	Quarterly	Mass Balance
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**Combustion Plant**

A4 – A10, A12, A14	N/A	Process / Space Heaters	N/A	N/A	N/A	N/A
A22	N/A	Hangar 89 Boiler	N/A	N/A	N/A	N/A
A23	N/A	Hangar 91 Boiler	N/A	N/A	N/A	N/A
A61 – A72	N/A	A380 Autoclaves	N/A	N/A	N/A	N/A
A73 – A78	N/A	Hangar 89 Autoclaves	N/A	N/A	N/A	N/A
A112 – A115	N/A	Site 5 Burners	N/A	N/A	N/A	N/A
A119	N/A	Dash 600 Burner	N/A	N/A	N/A	N/A
A99- A111, A120 – A173, A182	N/A	Combustion plant < 0.5MW Input	N/A	N/A	N/A	N/A
A175	N/A	Final Single Aisle Boiler	N/A	N/A	N/A	N/A

**Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements**

Emission point ref. & location (on PPC 04F)	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
SW6	N/A	Site Drainage via interceptor	N/A	N/A	N/A	
SW7	N/A	Site Drainage via interceptor	N/A	N/A	N/A	
SW8	N/A	Site Drainage from Stringers via interceptor into lagoon	N/A	N/A	N/A	
SW11	N/A	Site drainage from MIC, site 5 and Raytheon	N/A	N/A	N/A	
SW15	N/A	Site drainage via interceptor from West Factory	N/A	N/A	N/A	
SW16	Total Chrome	Site Drainage via interceptor	-	N/A	Monthly	
	Suspended Solids		50 mg/l			

**Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
TE1 (MCC Treatment Plant)	Total Chrome	Effluent Treatment Plant	100 ug/l		Weekly	
TE2 (Hawker Treatment Plant)	Total Chrome	Effluent Treatment Plant	500 ug/l		Weekly	
TE3 (Stringers Treatment Plant)	Total Chrome	Effluent Treatment Plant	500 ug/l		Weekly	

**Table S4.4 Noise monitoring requirements**

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Noise survey at locations agreed with Agency and Flintshire County Council	Noise	Every three years	BS 4142:1997	

## Schedule 5 - Reporting

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

**Table S5.1 Reporting of monitoring data**

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.6.1.	Paint Shops	Every 3 months	01/01/07
Emissions to water Parameters as required by condition 3.6.1	TE1, TE2, TE3, SW16	Every 3 months	01/01/07
Noise monitoring Parameters as required by condition 3.6.1	Perimeter noise survey at grid reference SK345678	Every 36 months	01/01/07

**Table S5.2: Annual production/treatment**

Parameter	Units
Finished Product	tonnes

**Table S5.3 Performance parameters**

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Waste Produced	Annually	tonnes

**Table S5.4 Reporting forms**

Media/parameter	Reporting format	Date of form
VOC	Form VOC1 or other form as agreed in writing by the Agency	11/01/07
Water	Form water 1 or other form as agreed in writing by the Agency	11/01/07
Sewer	Form sewer 1 or other form as agreed in writing by the Agency	11/01/07
Water usage	Form water usage1 or other form as agreed in writing by the Agency	11/01/07
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	11/01/07
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	11/01/07

## Schedule 6 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

### Part A

Permit Number	
Name of operator	
Location of Installation	
Time and date of the detection	

#### (a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

#### (b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

### Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of Airbus UK Ltd

## Schedule 7 - Interpretation

"*accident*" means an accident that may result in pollution.

"*annually*" means once every year.

"*application*" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 4 to the PPC Regulations.

"*authorised officer*" means any person authorised by the Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

"*background concentration*" means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

"*emissions to land*", includes emissions to groundwater.

"*fugitive emission*" means an emission to air, water or land from the activities which is not controlled by an emission or background concentration limit.

"*groundwater*" means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

"*land protection guidance*", means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: application site report and site protection monitoring programme".

"*MCERTS*" means the Environment Agency's Monitoring Certification Scheme.

"*notify without delay*" and "*notified without delay*" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*quarter*" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"*year*" means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content

END OF PERMIT

