



**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control

**Alfred McAlpine
Business Services Ltd
Chester Road
Broughton
Chester
Cheshire
CH4 0BR**

Variation Notice number

DP3033BA

Permit number

BS4243

| | ISSUED | DATE |
|--------------------------------------|--------|---------|
| OK FOR PUBLIC REGISTER | JHA | 14/1/05 |
| COPIED TO PUBLIC REGISTER | he | 18-1-05 |

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.

This variation incorporates changing the company name from

1. Steill Facilities Limited to Alfred McAlpine Business Services Limited;
2. The addition of new combustion plant and CHP fired on natural gas (1MWe CHP plant and two 3MWth boilers located at the MCC boiler house building and one 1Mwe CHP plant and three 4MWth boilers located at the West Road boiler house building). This additional plant will provide an electrical output of 2MW supplemented by boiler plant with a thermal output of 18Mwth.
3. Varying the nitrous oxide emission limits for the existing boiler plant.

The main purpose of the activities at the installation is whereby Alfred McAlpine Business Services Ltd currently supply heat and electricity for use at three buildings on the Airbus site using combined heat and power (CHP) units. The current plant provides up to 5.2MW of electrical power and 21.5MW of heat, supplied to Airbus by Steill (Alfred McAlpine Business Services Ltd) under an energy services agreement and authorised under the permit (reference number BS4243).

Other PPC Permits relating to this installation

| Permit holder | Permit Number | Date of Issue |
|-----------------------------------|---------------|---------------|
| Airbus UK Limited | BM3965 | 15/11/2002 |
| Metal Improvement Company Limited | BS4235 | 15/11/2002 |

Superseded Licenses/Consents/Authorisations relating to this installation

| Holder | Reference Number | Date of issue |
|---------------------------|------------------|---------------|
| Flintshire County council | PP/0036 | 5/7/1995 |
| Environment Agency | CG0333801 | 12/5/1999 |

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 BS4243 | Received 24/05/02 Duly Made 06/06/02 | |
| Response to Schedule 4 Information Notice | Request dated 03/09/02 | Response dated 12/09/02 |
| Request by Environment Agency to Steill Facilities Limited to extend determination from 06/10/02 to 31/10/02 | Request dated 25/09/02 | Request accepted 11/10/02 |
| Permit BS4243 | Determined 15/11/02 | |
| Application for variation | Received 04/08/04 | Not all requirements complied with |
| Application for variation | Received and complete 11/08/04 | Incorporating name change, addition of new combustion plant and CHP and variation to NOx limits to the existing boiler plant. |
| Request by Environment Agency to Steill Facilities Limited (Alfred McAlpine Business Services Ltd) to extend determination from 11/12/04 to 02/12/04 | Request dated 09/11/04 | Request accepted 10/12/04 |
| Request by Environment Agency to Steill Facilities Limited (Alfred McAlpine Business Services Ltd) to extend determination from 02/12/04 to 13/01/05 | Request dated 02/12/04 | Request accepted 08/12/04 |
| Variation DP3033BA | Determined 13/01/05 | |

End of Introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000



**ENVIRONMENT
AGENCY**

Variation Notice

Permit number

BS4243

Variation Notice number

DP3033BA

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 15/11/02 and held by you.

Alfred McAlpine Business Services Limited ("the Operator"),

Whose Registered Office is

2 Tannochside Park

Uddingston

Glasgow

G71 5PW

Company registration number **SC020258**

which relates to the operation of part of an installation at

Airbus UK Limited

Chester Road

Broughton

Chester

CH4 0BR

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

This Notice shall take effect from 13/01/05 at 00.01 hours.

Signed

A handwritten signature in black ink, enclosed in a rectangular box.

Mr Nigel Kendrick

Authorised to sign on behalf of the Environment Agency

Date

13 January 2005

Effective from 13/01/05

SCHEDULE 1 - CONDITIONS TO BE DELETED

1. None

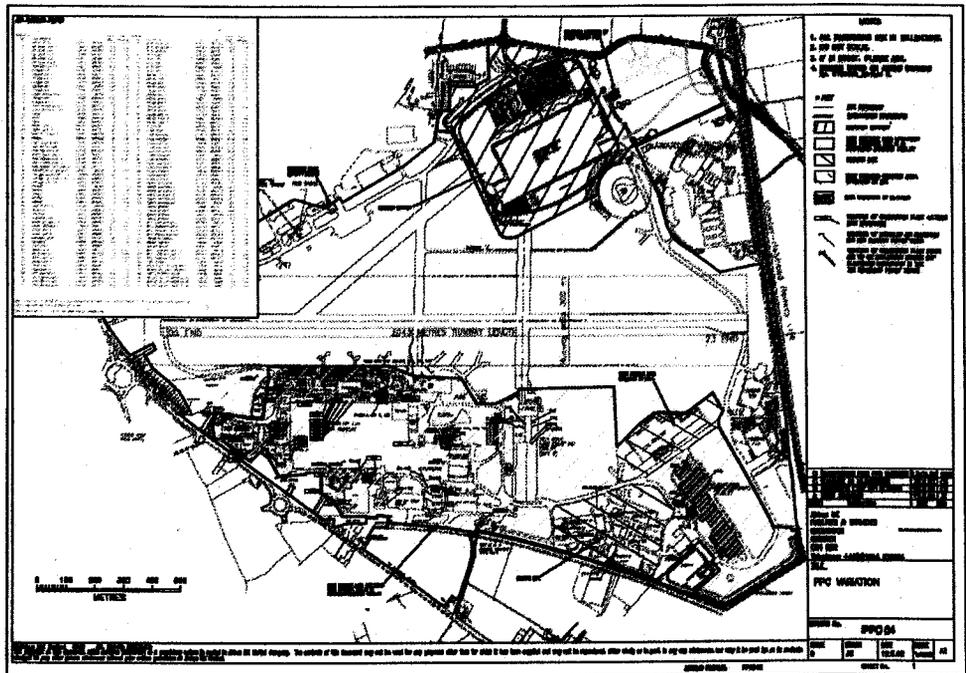
SCHEDULE 2 - CONDITIONS TO BE AMENDED

2. Condition 1.1.1 to be amended to

1.1.1 The Operator is authorised to carry out the activities and/or the associated activities specified in Table 1.1.1.

| Table 1.1.1 | | | |
|--|--|--|--|
| Activity under Schedule 1 of the Regulations/ Associated Activity | Description of specified activity | Schedule 1 Activity Reference (if applicable) | Limits of specified activity |
| Combustion Plant | Dispersed combustion plant including CHP and associated reserve boilers. | 1.1A (1)(a) | Delivery of raw materials and fuel to despatch of hot water, steam, electricity and exhaust to atmosphere. |

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 2.1.1 to be amended to

2.1.1 The permitted installation shall, subject to the conditions of this Permit, be managed and controlled as described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency.

Table 2.1.1: Management and Control

| Description | Parts | Date Received |
|--|---|---------------|
| Application | The response to question 2.1 given in section 2.1 | 06/06/02 |
| Application for Variation (DP3033BA) to PPC Permit BS4243 dated 28 July 2004 | The response to C1.2 given in Section C1 | 11/08/04 |

4. 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 24 section 2.5 of the application | 06/06/02 |
| Response to Schedule 4 Part 1 Notice dated 11/09/2002 | Response to Question 5 | 12/09/02 |
| Application for Variation (DP3033BA) to PPC Permit BS4243 dated 28 July 2004 | Response to Section C2.5 and C2.6 | 11/08/04 |

5. Condition 2.5.1 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 stored on site

| Description of Waste | Location of Storage on Site | Manner of Storage | Storage Conditions |
|--|---|--|--|
| Hazardous Waste including used spill kits, insulation materials and contaminated rags | Location 3 on drawing PPC 03 of the Application for permit BM 3965 | Various storage methods – drums, containers etc. (waste stream specific) | Purpose built, secure storage, impermeable base, bunded. |
| Non hazardous waste including wood, paper, card, scrap metal, used air filters and general office waste. | Location 19 on Drawing PPC 03 of the Application for permit BM 3965 | Stored in 660 litre wheeled towable containers. | Purpose built, secure storage, impermeable base, bunded. |

6. Condition 2.7.1 to be amended to:

2.7.1 The Operator shall, subject to the conditions of this Permit, use energy as described in the documentation specified in Table 2.7.1, or as otherwise agreed in writing by the Agency.

Table 2.7.1: Energy Efficiency

| Description | Parts | Date Received |
|--|--|----------------------|
| Application | The response to question 2.7 given in section 2.7 of the application | 06/06/02 |
| Response to Schedule 4 Part 1 Notice | Response to questions 1, 2, 3, 6, | 12/09/02 |
| Application for Variation (DP3033BA) to PPC Permit BS4243 dated 28 July 2004 | Response to Sections C2.7.1, C2.7.2, C2.7.3 | 11/08/04 |
| Request dated 02/12/04 by the Agency to extend determination from 02/12/04 to 13/01/05 | Response to Question 9 | 08/12/04 |

7. Condition 2.9.1 to be amended to :

2.9.1 The Operator shall, subject to the conditions of this Permit, control noise and vibration as described in the documentation specified in Table 2.9.1, or as otherwise agreed in writing by the Agency.

Table 2.9.1: Noise and Vibration

| Description | Parts | Date Received |
|--|--|----------------------|
| Application | The response to question 2.9 given in pages 30 and 31 of the application | 06/06/02 |
| Response to Schedule 4 Part 1 Notice issued on 03/09/02 | Response to question 7 | 12/09/02 |
| Application for Variation (DP3033BA) to PPC Permit BS4243 dated July 2004 | Response to Section C2.9 | 11/08/04 |
| Request dated 02/12/04 by the Agency to extend determination from 02/12/04 to 13/01/05 | Response to Question 8 | 08/12/04 |

8. Condition 2.10.1 to be amended to:

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 section 2.10 of the application | 06/06/02 |
| Response to Schedule 4 Part 1 Notice | Response to questions 8 and 10 (except for the boiler systems emission limit) | 12/09/02 |
| Application for Variation (DP3033BA) to PPC Permit BS4243 dated July 2004 | Response to Section C2.10, C3.1, C4.1 | 11/08/04 |
| Request dated 02/12/04 by the Agency to extend determination from 02/12/04 to 13/01/05 | Response to Question 10 | 08/12/04 |

9. Condition 6.1.1 to be amended to :

Emission to air from the emission points specified in Table 6.1.1 shall only arise from the sources specified in that Table.

Table 6.1.1: Emission points into air

| Emission Point Reference/Description | Source | Location of Emission Point |
|--------------------------------------|----------------------------------|----------------------------|
| A1 | Stringer Boiler 1-2.75 MW | Point 90 on Plan PPC04(D) |
| A2 | Stringer Boiler 2-2.75 MW | Point 89 on Plan PPC04(D) |
| A3 | Skin and Creep Boiler – 1.375 MW | Point 92 on Plan PPC04(D) |
| A4 | West Factory Boiler 1 - 5.0 MW | Point 59 on Plan PPC04(D) |
| A5 | West Factory Boiler 2 - 5.0 MW | Point 64 on Plan PPC04(D) |
| A6 | West Factory Boiler 3 – 5.0 MW | Point 65 on Plan PPC04(D) |
| A7 | West Factory Boiler 4 – 5.0 MW | Point 73 on Plan PPC04(D) |
| A8 | West Factory CHP 1 – 3.129 MW | Point 74 on Plan PPC04(D) |
| A9 | West Factory CHP 2 – 3.129 MW | Point 75 on Plan PPC04(D) |
| A10 | West Factory CHP 3 – 3.129 MW | Point 76 on Plan PPC04(D) |
| A11 | West Factory CHP 4 – 3.129 MW | Point 77 on Plan PPC04(D) |
| A12 | Stringer CHP 1 – 1.298 MW | Point 79 on Plan PPC04(D) |
| A13 | Stringer CHP 2 – 1.298 MW | Point 78 on Plan PPC04(D) |
| A14 | Skin & Creep CHP – 1.298 MW | Point 91 on Plan PPC04(D) |
| A15 | MCC CHP 1 | Point 125 on Plan PPC04(D) |
| A16 | MCC Boiler 1 | Point 126 on Plan PPC04(D) |
| A17 | MCC Boiler 2 | Point 127 on Plan PPC04(D) |
| A18 | West Road CHP 2 | Point 128 on Plan PPC04(D) |
| A19 | West Road Boiler 1 | Point 129 on Plan PPC04(D) |
| A20 | West Road Boiler 2 | Point 130 on Plan PPC04(D) |
| A21 | West Road Boiler 3 | Point 131 on Plan PPC04(D) |

10. Condition 6.1.3 to be amended to:

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 into Air

| Parameters | Boiler Emission Points A1 – A7, A16, A17, A19, A20, A21 | CHP Emission Points A8 – A14, A15, A18 |
|--|---|---|
| Oxides of Nitrogen (as NO _x) mg m ⁻³ | 200* | 500# |
| Frequency of Monitoring | Annually | Annually |

* as a 15 minute average, reference conditions 3% oxygen, dry.

as a 15 minute average, reference conditions 15% oxygen, dry.

11. Condition 6.1.4 to be amended to:

Where an annual mass limit for a substance is stated in Table 6.1.4, the aggregate emission of such substance from the Permitted Installation into air from the emission point(s) specified in Table 6.1.3 shall not exceed that limit in any year.

12. Schedule 2 shall be amended to:

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 |
| Oxides of Nitrogen mg m ⁻³ | A1 – A21 | Every 12 months | 1 January 2005 |

13. Schedule 3 shall be amended to:

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 the Agency.

| Table S3: Reporting Forms | | |
|---------------------------|-------------|--------------|
| Media/parameter | Form Number | Date of Form |
| Air | A1.1 | 13/01/05 |
| Energy | E1 | 13/01/05 |

**SCHEDULE 3 REPORTING FORMS
EMISSIONS TO AIR**

**Permit Number BS4243 / DP3033BA
Alfred McAlpine Business Services**

Release Summary for 12 months to 31 December 200

Releases of Oxides of Nitrogen

| Table S3: A1.1 reporting Form | | | |
|-------------------------------|---|---|---|
| Emission Point | Date of Sampling for NOX mg m⁻³ | Result of Sampling for NOX mg m⁻³ | Permit Limit mg m⁻³ |
| A1 | | | 200 |
| A2 | | | 200 |
| A3 | | | 200 |
| A4 | | | 200 |
| A5 | | | 200 |
| A6 | | | 200 |
| A7 | | | 200 |
| A8 | | | 500 |
| A9 | | | 500 |
| A10 | | | 500 |
| A11 | | | 500 |
| A12 | | | 500 |
| A13 | | | 500 |
| A14 | | | 500 |
| A15 | | | 500 |
| A16 | | | 200 |
| A17 | | | 200 |
| A18 | | | 500 |
| A19 | | | 200 |
| A20 | | | 200 |
| A21 | | | 200 |

Signed on behalf of Alfred McAlpine Business Services _____

Dated _____

Form A1.1
13/01/05

Effective from 13/01/05

**SCHEDULE 3 REPORTING FORMS
ENERGY CONSUMPTION**

**Permit Number BS4243 / DP3033BA
Alfred McAlpine Business Services**

Release Summary for 12 months to 31 December 200

Table S3: E1 reporting Form – Annual Energy Consumption of the Installation

| Energy Source | Delivered MWh | Primary MWh | Carbon Dioxide Emissions Tonnes |
|----------------------|--------------------------|------------------------|--|
| Electricity | | | |
| Natural Gas | | | |

Signed on behalf of Alfred McAlpine Business Services _____

Dated _____

SCHEDULE 3 - CONDITIONS TO BE ADDED

14. Condition 9.1.1 to be added:

The Operator shall complete the requirements specified in Table 9.1.1 by the date specified in that Table, and shall send written notification of the date of completion of each requirement to the Agency, at the reporting address, within 14 days of the completion of each such requirement.

Table 9.1.1: Improvement Programme Requirements

| Reference | Requirement | Date |
|-----------|---|-----------------------------|
| 9.5 | The Operator shall assess the suitability of discharging condensate to sewer from each condensate discharge point on each CHP and boiler. A report shall be submitted to the Agency by the due date | 30 th June 2005 |
| 9.6 | The Operator shall update the list of all combustion plant on the Site (with Airbus) by the due date. The list shall be made available upon request. | 31 st March 2005 |

15. Condition 4.1.7. to be added:

The Operator shall up date and maintain a list of all combustion plant on the Site (with Airbus). The list shall be made available upon request.

16. Condition 4.1.8 to be added:

The operator shall review the availability of NOx reduction techniques for the gas engines used in the CHP plant. A report shall be submitted to the Agency every two years from the date of this varied permit.

END OF VARIATION