

Part B Variation Form

Application for a variation of permit conditions

Local Authority Pollution Prevention and Control

Pollution Prevention and Control Act, 1999

Environmental Permitting (England and Wales) Regulations 2010

Introduction

When to use this form

This environmental permitting regime is known as and referred to as Local Authority Pollution Prevention and Control ('LAPPC'). Installations permitted under this regime are known as Part 'B' installations. Use this form if you already have a permit and wish to vary the permit conditions or wish to make a change to your installation.

Before you start to fill in this form

You are strongly advised to read relevant parts of the Defra [general guidance manual](#) issued for LA-IPPC and LAPPC, republished in May 2011. This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You will also need to read the relevant sector guidance note, BREF note or Process Guidance note. The EP Regulations can be obtained from www.legislation.gov.uk website.

Which parts of the form to fill in

You should fill in as much of this form as possible. The appropriate fee must be enclosed with the variation application to enable it to be processed further. When complete return to:

*Environmental Protection Unit
Barrow Borough Council
Town Hall
Duke Street
Barrow-in-Furness
Cumbria
LA14 2LD*

Other documents you may need to submit

There are number of other documents you may need to send us with your variation application. Each time a request for a document is made in the form you will need to record a document reference number for the document or documents that you are submitting in the

space provided on the form for this purpose. Please also mark the document(s) clearly with your permit reference number and the name of the installation.

Using continuation sheets

In the case of the questions on the form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

Copies - *not relevant for e-applications*

Please send the original and 1 copy of the form and all other supporting material, to assist the Authority in conducting any necessary consultation process.

If you need help and advice

We have made the form as straightforward as possible, but please get in touch with us at the local authority address given above if you need any advice on how to set out the information we need.

A1 Applicant details

A1.1 Name of the installation

BAE Systems Marine Limited

A1.2 Please give the address of the site of the installation

BAE Systems Maritime – Submarines, Bridge Road, Barrow-in-Furness, Cumbria.

Post Code LA14 1AF

Telephone Number 01229 873474

A1.3 Permit reference number

PPC/B/05

A2.1 The Operator – Please provide the full name of company or corporate body

BAE Systems Marine Limited

Trading/business name (if different)

BAE Systems Maritime – Submarines

Registered Office address

Warwick Office, PO Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire.

Post Code GU14 6YU

Principal Office address (if different)

Post Code _____

Company registration number

00229770

A3.1 Who can we contact about your application?

It will help to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator - This can be an agent or consultant.

Name Peter Winder

Address BAE Systems Maritime – Submarines, Bridge Road, Barrow-in-Furness, Cumbria.

Post Code LA14 1AF

Tel 01229 864054

Fax _____

Email peter.winder@baesystems.com

B1 About the installation

Please fill in the table below with details of all the current activities and proposed activities at the whole installation.

In Column 1, Box A, *Activities in the stationary technical unit*

Please identify all activities listed in Schedule 1 to the EP Regulations that are carried out in the stationary technical unit of the installation.

In Column 1, Box A(i), *Proposed new activities in the stationary technical unit*

Please identify all activities listed in Schedule 1 to the EP Regulations that are proposed to be carried out in the stationary technical unit of the installation.

In Column 1, Box B, *Directly associated activities*

Please identify any directly associated activities that are carried out on the same site which:

- * have a technical connection with the activities in the stationary technical unit
- * could have an effect on pollution.

In Column 1, Box B(i), *Directly associated activities*

Please identify any directly associated activities that are proposed, to be carried out on the same site which:

- * have a technical connection with the activities in the stationary technical unit
- * could have an effect on pollution

In **Column 2, Both Boxes A and B**, please quote the Chapter number, Section number, then paragraph and sub-paragraph number as shown in Part 2 of Schedule 1 to the EP Regulations [For example, *Manufacturing glass and glass fibre where the use of lead or any lead compound is involved*, would be listed as Chapter 3, Section 3.3, Part B(b)].

B1.1 Installation table for variation of permit conditions

| COLUMN 1 | COLUMN 2 |
|--|--|
| <p>Box A Activities in the Stationary Technical Unit</p> | <p>Section in Schedule 1 of the EP Regulations</p> |
| <p>Any process (other than for the re-painting or re-spraying of or of parts of aircraft or road or railway vehicles) for applying to a substrate, or drying or curing after such application, printing ink or paint or any other coating material as, or in the course of, a manufacturing activity, where the process may result in the release into the air of particulate matter or of any volatile organic compound and is likely to involve the use in any 12-month period of 5 or more tonne of organic solvents in respect of any activity</p> | <p>Section 6.4</p> |
| <p>Other coating activities, including metal, plastic, textile (except rotary screen printing on textile), fabric, film and paper coating - over 5 tonne/year solvent consumption threshold</p> | <p>Section 7</p> |

| | |
|---|---|
| Adhesive Coating – over 5 tonne/year solvent consumption threshold | Section 7 |
| Box A(i) Proposed new activities in the Stationary Technical Unit | Section in Schedule 1 of the EP Regulations |
| Any process (other than for the re-painting or re-spraying of or of parts of aircraft or road or railway vehicles) for applying to a substrate, or drying or curing after such application, printing ink or paint or any other coating material as, or in the course of, a manufacturing activity, where the process may result in the release into the air of particulate matter or of any volatile organic compound and is likely to involve the use in any 12-month period of 5 or more tonne of organic solvents in respect of any activity | Section 6.4 |
| Other coating activities, including metal, plastic, textile (except rotary screen printing on textile), fabric, film and paper coating - over 5 tonne/year solvent consumption threshold | Section 7 |
| | |
| | |
| Box B Directly associated activities | Section in Schedule 1 of the EP Regulations |
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| | |
| | |
| Box B(i) Proposed new directly associated activities | Section in Schedule 1 of the EP Regulations |
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| | |
| | |
| | |

B1.2 Why is the variation application being made?

- specific permit conditions will require amending

we are unsure whether the proposed changes will require a variation and wish the local authority to advise on this

B.1.3 Site Maps

Please provide:-

* A suitable map showing the location of the installation clearly defining extent of the installations in red and indicating the extent of the installation affected by the proposed change.

Doc Reference PPC/B/05-V2018A Site boundary as identified on current Permit PPC/B/05

* A suitable plan showing the layout of activities on the site, including bulk storage of materials, waste storage areas and any external emission points to atmosphere, indicating which activities will be affected by the proposed change.

Doc Reference _____

* A suitable plan showing the site drainage system and all discharge points to drainage or water courses indicating which will be affected by the proposed change.

Doc Reference n/a

B2 The Installation

Please provide written information about the aspects of your installation listed below. We need this information to determine whether you will operate the installation in a way in which all the environmental requirements of the EP Regulations are met.

B2.1 Describe the proposed change to the installation and activities and identify the foreseeable emissions to air from effecting this change (this will include any foreseeable emissions during start up, shut down and any breakdown/abnormal operation)

The use of process flow diagrams may aid to simplify the operations

Doc Reference Ref: PPC/B/05-V2018A

B2.2 Once all foreseeable changes in emissions as a result of the proposed change have been identified each emission should be characterised (including odour) and quantified.

Atmospheric emissions should be categorised under the following

- i. point source, (e.g. chimney / vent, identified by a number and detailed on a plan)
- ii. fugitive source (e.g. from stockpiles / storage areas).

Doc Reference Ref: PPC/B/05-V2018A

B2.3 For each emission which will be affected by the proposed change describe the current and proposed technology and other techniques for preventing or, where that is not practicable reducing the emissions.

Doc Reference Ref: PPC/B/05-V2018A

B2.4 Describe the proposed measures for additional monitoring of all identified emissions as a result of the proposed change.

Doc Reference Ref: PPC/B/05-V2018A

B2.5 Describe the effect the proposed change will have on your environmental management techniques, in relation to the installation activities described.

Doc Reference Ref: PPC/B/05-V2018A

B2.6 Detail in the table provided below, or on an additional sheet if preferred, the exact conditions you wish to change in your current permit.

| Permit condition reference | Proposed new wording of condition |
|----------------------------|--|
| Condition 5 | <p>Emissions of particulate matter shall be tested according to the requirements in condition 3 at the following areas, when they are in operation:</p> <ul style="list-style-type: none">a) Devonshire Dock Complex Main Paint Shop/Store D13 (Spraybooth)b) Devonshire Dock Complex Main Paint Shop/Store D13 (Shot Blast Facility)c) Devonshire Dock Complex Main Paint Shop/Store D13 (Drying Facility)d) Devonshire Dock Complex Main Paint Shop/Store D13 (Hand Paint)e) Devonshire Dock Hall (DDH) D34f) Devonshire Dock Hall (DDH) Paint Mixing Facility D24g) Ex Reactor Installation Facility (RIF)h) Acoustic Tiling Facility Dust Extraction System (DDH)i) Acoustic Tiling Facility Adhesive mixing areaj) Temporary enclosure external to DDH (adjacent to D22) (vent connected to DDH extraction system - see c) above)k) NAS Annex (temporary enclosure)l) NAS (temporary enclosure)m) DDC Wet Dock (temporary enclosure)n) Acoustic Tiling Facility C10o) Central Coatings Facility |
| Condition 49 | <p>All emissions from:</p> <ul style="list-style-type: none">a) Devonshire Dock Complex Main Paint Shop/Store D13 (Spraybooth)b) Devonshire Dock Complex Main Paint Shop/Store D13 (Shot Blast Facility)c) Devonshire Dock Complex Main Paint Shop/Store D13 (Drying Facility)d) Devonshire Dock Complex Main Paint Shop/Store D13 (Hand Paint)e) Devonshire Dock Hall (DDH) D34f) Devonshire Dock Hall (DDH) Paint Mixing Facility D24g) Ex Reactor Installation Facility (RIF)h) Acoustic Tiling Facility Dust Extraction System (DDH) |

| | <ul style="list-style-type: none"> i) Acoustic Tiling Facility Adhesive mixing area j) Temporary enclosure external to DDH (adjacent to D22) (vent connected to DDH extraction system - see c) above) k) NAS Annex (temporary enclosure) l) NAS (temporary enclosure) m) DDC Wet Dock (temporary enclosure) n) Acoustic Tiling Facility C10 o) Central Coatings Facility <p>shall be exhausted to the external air via the stacks specified in condition 50. The extract ventilation systems shall operate continually during all phases of the process operation.</p> | | | | | | | | | | | | | | | | |
|-----------------|--|-----------------------|--------------------------------|-----------------------|--------------------|-----------|-------|----|-------|-------------|-------|----|-------|-----------------|-------|----|-------|
| Condition 50 | <p>The height and efflux velocity of stacks shall be as follows:</p> <ul style="list-style-type: none"> a) Devonshire Dock Complex Main Paint Shop/Store (Spray Booth) – one stack 9.1 metres above ground level, 2.9 metres above apex of roof, with an efflux velocity of at least 15 m/s b) Devonshire Dock Complex Main Paint Shop/Store (Shot Blast Facility) - No requirement for minimum efflux velocity and stack height as stated in PG 6/23 (11) and PG6/32 (11) c) Devonshire Dock Complex Main Paint Shop/Store (Drying Facility) – one stack 5.3 metres above ground level, 0.8 metres above roof slope, with an efflux velocity of at least 11m/s d) Devonshire Dock Complex Main Paint Shop/Store D13 (Hand Paint) 1 stack 10 metres above ground one metre above gutter level of D12 with efflux of at least 15m/s e) Devonshire Dock Hall - 64 stacks all 45 metres above ground level, 6 f) metres below the apex of roof, with an efflux velocity of at least 4.5 m/s g) Devonshire Dock Hall (DDH) Paint Mixing Facility – one stack *** metres above ground level, *** metres above ***, with an efflux velocity of at least **m/s h) Ex Reactor Installation Facility (RIF) - 19.5 metres above ground level, 1 metre above apex of roof, with an efflux velocity of at least 15 m/s i) Acoustic Tiling Facility Dust Extraction System (DDH) - 8 metres above ground level, with an efflux velocity of at least 11 m/s j) Acoustic Tiling Facility Adhesive Mixing Area (DDH) (vent connected to DDH extraction system - see b) above) k) Temporary enclosure external to DDH (adjacent to D22) (vent connected to DDH extraction system - see b) above) l) NAS Annex (temporary enclosure) - 1 metre above apex of roof, with an efflux velocity of at least 15 m/s m) NAS (temporary enclosure) - 1 metre above apex of roof, with an efflux velocity of at least 15 m/s n) Devonshire Dock Complex Wet Dock (temporary enclosure) - 1 metre above deck of ship or bridge fin of a submarine, with an efflux velocity of at least 2 m/s o) Central Coatings Facility 4 x cells as table below <table border="1" data-bbox="486 1881 1375 2112"> <thead> <tr> <th>Cell</th> <th>Stack height (roof height 27m)</th> <th>Efflux velocity (m/s)</th> <th>Stack Diameter (m)</th> </tr> </thead> <tbody> <tr> <td>ShotBlast</td> <td>28.32</td> <td>21</td> <td>0.710</td> </tr> <tr> <td>Spray Paint</td> <td>29.02</td> <td>21</td> <td>0.710</td> </tr> <tr> <td>Tiling Facility</td> <td>28.32</td> <td>21</td> <td>0.710</td> </tr> </tbody> </table> | Cell | Stack height (roof height 27m) | Efflux velocity (m/s) | Stack Diameter (m) | ShotBlast | 28.32 | 21 | 0.710 | Spray Paint | 29.02 | 21 | 0.710 | Tiling Facility | 28.32 | 21 | 0.710 |
| Cell | Stack height (roof height 27m) | Efflux velocity (m/s) | Stack Diameter (m) | | | | | | | | | | | | | | |
| ShotBlast | 28.32 | 21 | 0.710 | | | | | | | | | | | | | | |
| Spray Paint | 29.02 | 21 | 0.710 | | | | | | | | | | | | | | |
| Tiling Facility | 28.32 | 21 | 0.710 | | | | | | | | | | | | | | |

| | | | | |
|--|---------------------|-------|----|-------|
| | Insulation Facility | 29.02 | 21 | 0.710 |
|--|---------------------|-------|----|-------|

B2.7 Additional information

Please supply any additional information which you would like us to take account of in considering this variation application.

Doc Reference n/a

C1 Fees and Charges

The enclosed charging scheme leaflet gives details of how to calculate the variation application fee. Your application cannot be processed unless the correct fee is enclosed.

C1.1 Please state the amount enclosed as a fee for this variation application.

£ _____ (cheques should be made payable to Barrow-in-Furness Borough Council)

We will confirm receipt of this fee when we write to you acknowledging your variation application.

C1.2 Please give any company purchase order number or other reference you wish to be used in relation to this fee.

C2 Annual charges

The application or granting of a permit variation will not affect the level of your annual subsistence charge, nor the requirement to pay it.

C3 Commercial confidentiality

C3.1 Is there any information in the application for a variation that you wish to justify being kept from the public register on the grounds of commercial confidentiality?

No

Yes

Please provide full justification, considering the definition of commercial confidentiality within the EP Regulations.

Doc Reference _____

C3.2 Is there any information in the application for a variation that you believe should be kept from the public register on the grounds of national security?

No

Yes

Do not write anything about this information on the form. Please provide full details on separate sheets, plus provide a copy of the variation application form to the Secretary of State/Welsh Ministers for a Direction on the issue of National Security.

C4 Data Protection

The information you give will be used by the Local Authority to determine your application for a variation. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- make sure you keep to the conditions of your permit and deal with any matters relating to your permit
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- offer you documents or services relating to environmental matters,
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows)
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/ representatives who we ask to do any of these things on our behalf.

It is an offence under Regulation 38 of the EP Regulations, for the purpose of obtaining a variation to a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).

C5 Declaration: previous offences (delete whichever is inapplicable)

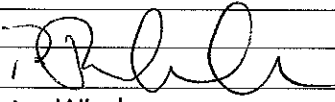
I/We certify

EITHER

No offences have been committed in the previous five years which are relevant to my/our competence to operate this installation in accordance with the EP Regulations.

OR

The following offences have been committed in the previous five years which may be relevant to my/our competence to operating this installation in accordance with the Regulations:

Signature 
Name Peter Winder
Position Senior SHE Advisor - Environment
Date _____

C6 Declaration

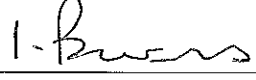
C6.1 Signature of current operator(s)*

I/We certify that the information in this application is correct. I/We apply for a permit in respect of the particulars described in this application (including supporting documentation) I/We have supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the application from:

Installation name BAE Systems Marine Limited

Signature 
Name Ian Burns
Position Safety, Quality & Assurance Director
Date 18/04/18

Signature _____
Name _____
Position _____
Date _____

Signature _____
Name _____
Position _____
Date _____

** Where more than one person is defined as the operator, all should sign. Where a company or other body corporate – an authorised person should sign and provide evidence of authority from the board of the company or body corporate.*

