

HDC DOC. CENTRE
22 JAN 2018
RECEIVED

Claire Braybrook
Environmental Protection Team
Huntingdonshire District Council
Pathfinder House
St. Mary's Street
Huntingdon
PE29 3TN



19 January 2018

Dear Claire

Application for a Part B environmental permit

Hard copies of the application form and supporting documents and figures submitted electronically today for a Part B environmental permit for a roadstone coating plant the company would like to operate on land off the A1198 road to the south of Godmanchester.

Please contact me for payment of the application fees and if you require any further information in respect of this application.

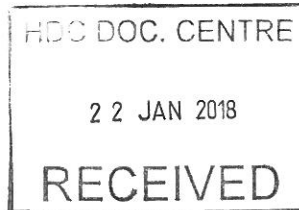
Yours sincerely,

A handwritten signature in blue ink that reads "Ian Holton".

Dr Ian Holton
Permitting Manager
T: 01530 512162
E: ian.holton@aggregate.com

AGGREGATE INDUSTRIES UK LIMITED

Bardon Hill, Coalville, Leicestershire,
LE67 1TL, United Kingdom
Telephone +44 (0)1530 510066
Facsimile +44 (0)1530 834798
www.aggregate.com



Application for a Permit for a Standard Part B Installation

Pollution Prevention and Control Act, 1999
Environmental Permitting (England and Wales) Regulations 2016

Introduction

When to use this form

Use this form if you are applying to a Local Authority for a standard Part B permit as defined in Environmental Permitting Regulations (England and Wales) Regulations 2010 (as amended)

The appropriate fee must be received to enable your application to be processed. When complete send the form and fee and any additional information to:

Environmental Protection Team
Communities
Huntingdonshire District Council
Pathfinder House
St. Mary's Street
Huntingdon
PE29 3TN
envhealth@huntingdonshire.gov.uk
01480 388302

If you need help and advice

We have made the application form as straightforward as possible, but please get in touch with us using the details given above if you need any further advice.

For the purposes of Section C of the form, a 'relevant offence' is any conviction for an offence relating to the environment or environmental regulation.

It is recommended that you read the General Guidance Manual on Policy and Procedures for A2 and B Installations and any relevant Process Guidance Note these documents can found at <http://www.defra.gov.uk/industrial-emissions/las-regulations/guidance/>.

Other documents you may need to submit, continuation sheets, submissions and copies

If there are any other documents you need to send to us or need to use continuation sheets with your application please clearly mark which section they refer to.

Huntingdonshire District Council's public register is kept electronically and would appreciate your application to be submitted electronically. If you are sending the application in hardcopy please ensure that the application is scanner friendly and only one copy is required.

Application for a Permit for a Standard Part B Installation

To be completed by the Operator

A	The basics
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A1	Name and address of the installation		
	Name	A14 asphalt plant	
	Land off the A1198 road to the south of Godmanchester		
	Postcode	Telephone N ^o	

A2	Please give details, below, of any existing environmental permits for the installation, including any waste management licences or water discharge consents, please include reference number(s), type(s) and regulator.
	N/A – new installation

A3	The Operator (the person who it is proposed will have control over the installation in accordance with the permit (if granted)).		
	Please provide the full name of company or corporate body or the name of the sole trader or the names of the partners.		
	Name	Aggregate Industries UK Limited	
	Trading name if different		
	Registered office address		
	Bardon Hall, Copt Oak Road, Markfield, Leicestershire		
	Postcode	Telephone N ^o	01530 816600
	Principle office address, if different		
	Bardon Hill, Coalville, Leicestershire		
	Postcode	Telephone N ^o	01530 510066
	Company registration number	00245717	

A4	Any holding company? Please indicate below if the operator is a subsidiary of a holding company within the meaning of section 1159 of the Companies Act 2006.		
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
	Holding company name		
	Name	LafargeHolcim Ltd	
	Trading name if different		
	Holding company registered office address		
	Zurcherstrasse 156, CH – 8645 Jona, Switzerland		
	Postcode		Telephone N°
	Principle office address, if different		
	Postcode		Telephone N°
Company registration number		CH – 160.3.003.050-5	

A5	Who can we contact about your application?		
	<i>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 could be an agent or consultant rather than the operator.</i>		
	Name	Ian Holton	
	Position	Environmental Permitting Manager	
	Address	Aggregate Industries, Bardon Hill, Coalville, Leicestershire	
	Postcode	LE67 1TL	Telephone N°
Email	ian.holton@aggregate.com		

A6	Who can we contact about your permit? <i>Assuming your permit will be issued it will help to have someone who we can contact directly with any questions about your permit</i>			
	Name	Pete Hotchkiss		
	Position	Area Operations Manager		
	Address			
	Postcode		Telephone N ^o	07740 934248
	Email	pete.hotchkiss@aggregate.com		

B	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 EPR Regulations are met.	

B1	Why is the application being made? Please tick which statement is correct.				
	<table border="1"> <tr> <td>The installation is new.</td> <td style="text-align: center;">✓</td> </tr> <tr> <td>The installation currently exists but changes to the installation or to the EP Regulations means that a Part B permit is required.</td> <td></td> </tr> </table>	The installation is new.	✓	The installation currently exists but changes to the installation or to the EP Regulations means that a Part B permit is required.	
The installation is new.	✓				
The installation currently exists but changes to the installation or to the EP Regulations means that a Part B permit is required.					

B2	Activities
Please list all activities that are undertaken at your installation including any directly associated activities.	
We are interested in any activities that:	
<ul style="list-style-type: none"> • Have a technical connection with the main activity plant • Could have an effect on pollution. 	
For an explanation of what is a directly associated activity please go to Annex III of the General Guidance Manual .	
Main activities	Section in the EP Regulations
Coating road stone with tar or bitumen	Schedule 1, Part 2, Chapter 3, Section 3.5

Directly-associated activities	Section in the EP Regulations (if any)
Recovery of non-hazardous waste	Schedule 1, Part 2, Chapter 5, Section 5.4

B3	Site Maps	
	Please provide a location map with a red line round the boundary of the installation and a blue line around any other land owned/used by the operator.	Document Reference: Figure 1
	Please provide a site plan or plans showing where all the main and directly associated activities are on site as well as any plant, storage areas (product and waste), emission/discharge points and site drainage.	Document Reference: Figure 4

C	The details
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C1	How will the installation operate?	
	Please supply description of how the installation will operate starting with raw materials and finishing with finished product and wastes leaving the site.	
	See Appendices 1 and 2	Document Reference:

C2	Emissions techniques and monitoring.	
	What pollutants (including odour) and how much are expected to be emitted into the atmosphere? Please say which stage of the process each emission will come from and also whether from a particular chimney, vent or other source (fugitive). Please include emissions during starting and shutting down the plant, and from possible breakdowns or accidents identified by a risk assessment. <i>(Using process flow diagrams may help to simplify this.)</i>	
	See Appendices 1 and 2	Document Reference:
	What techniques will be used to minimise each emission in line with BAT? What monitoring has been undertaken (give results) and what monitoring is proposed?	
	See Appendices 1 and 2	Document Reference:

C3	Environmental management		
What environmental management procedures and policies will you deploy?			
Aggregate Industries has an Integrated Management System (IMS) which is certified by BSI to ISO 14001 (environmental management) as well as ISO 9001 (quality management) and OSHAS 18001 (health and safety management). This system sets out the policies and procedures to be used by all Aggregate Industries' sites to identify and minimise the risk of pollution from site activities associated with normal operations, maintenance activities, incidents and non-conformances.			Document Reference:

C4	Impact on the environment		
What are the potential significant local environmental effects (including nuisances) of the foreseeable emissions?			
Through the implementation of appropriate mitigation measures and good operational practices, it is anticipated that emissions from the facility will not have any significant local environmental effects.			Document Reference:
Are there any sites of special scientific interest (SSSI) or European Protected Sites nearer than any of the following distances to the proposed installation?			
2km – where the installation includes Part B combustion, incineration (not cremation), iron and steel, or non-ferrous metal activities.			Yes No N/A
1km – where the installation involves mineral or cement and lime activities.			Yes No N/A
½ km – in all other cases.			Yes No N/A
If “yes” is the installation likely to have a significant effect on these sites and, if so, what are the implications for the purposes of the Conservation (Natural Habitats etc.) Regulations 1994 (see appendix 2 of Annex XVII of the general guidance manual).			
			Document Reference:
Has an environmental impact assessment been carried out for the installation under planning legislation or for any other purpose? If so, please supply a copy.			
Yes		No	
			Document Reference:

D	Additional Information		
	Please supply any additional information which you would like us to take account of in considering this application.		
	See Appendices 1 and 2	Document Reference:	

E	Fees and Charges
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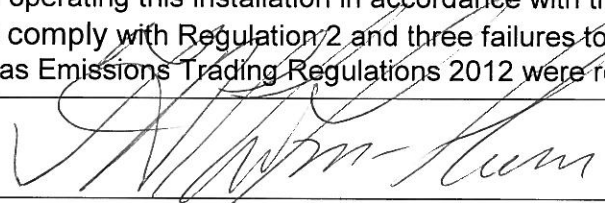
E1	Your application cannot be processed unless the application fee is correct and submitted.
	The fees and charges can be found at the following site http://www.defra.gov.uk/industrial-emissions/las-regulations/charges-risk/ .
	Cheques should be made payable to: Huntingdonshire District Council
	Alternatively please contact the Environmental Protection Team to discuss the fee and payment methods. We will confirm receipt of this fee when we write to you acknowledging your application.

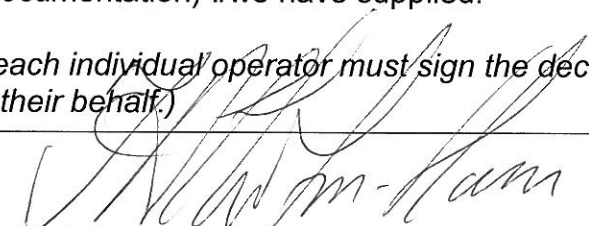
E2	Annual charges		
	If we grant you a permit, you will be required to pay an annual subsistence charge.		
	If you do not pay, your permit can be revoked and you will not be able to operate your installation. Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges.		
	Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges.		
	Name	Environmental Permitting Manager	
	Aggregate Industries, Bardon Hill, Coalville, Leicestershire		
	Postcode	LE67 1TL	Telephone N ^o 01530 510066

F	Commercial Confidentiality	
Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality?		
Yes		No
If 'Yes', do not submit this information but please provide full justification, considering the definition of commercial confidentiality within the Regulations (See the appropriate general guidance manual) as well as the guidance on the Huntingdonshire District Council Environmental Permitting webpage. The Environmental Protection Team will contact you to arrange a visit to view this information and discuss your application.		
		Document Reference:

G	Data Protection Declaration
<p>The information you give will be used by the regulator to process your application. 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:</p> <ul style="list-style-type: none"> • 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, • investigate possible breaches of environmental law and take any resulting action, • prevent breaches of environmental law, assess customer service satisfaction and improve our service <p>We may pass on the information to agents/ representatives who we ask to do any of these things on our behalf.</p>	
Please note: it is an offence to provide false etc. information	
<p>It is an offence under regulation 38 of the EP Regulations, for the purpose of obtaining a permit (for yourself or anyone else), to:</p> <ul style="list-style-type: none"> • 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 • intentionally to make a false entry in any record required to be kept under any environmental permit condition • with intent to deceive, to forge or use a document issued or required for any purpose under any environmental permit condition. <p>If you make a false statement</p> <ul style="list-style-type: none"> • we may prosecute you and, if you are convicted, you are liable to a fine or imprisonment (or both). 	

H	Declarations A and B for signing
<p><i>These declarations should be signed by the person listed in answer to question A3. Where more than one person is identified as the operator, all should sign. Where a company or other body corporate is the operator, an authorised person should sign and provide evidence of authority from the board.</i></p>	

Declaration A	
I/We certify	
<p>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:</p> <ul style="list-style-type: none"> One failure to comply with Regulation 2 and three failures to comply with Regulation 9 of the Greenhouse Gas Emissions Trading Regulations 2012 were recorded in 2017. 	
Signature:	
Name:	James Atherton-Ham
Position:	Director and General Counsel, Aggregate Industries
Date:	16 January 2018

Declaration B	
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 the listed supporting documentation) I/we have supplied.	
<i>(Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.)</i>	
Signature 1:	
Name:	James Atherton-Ham
Position:	Director and General Counsel, Aggregate Industries
Date:	16 January 2018

Appendix 1 – Additional application form

Application for a permit for a roadstone coating installation

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

Use this form if you are applying for a permit to a Local Authority to operate a roadstone coating installation as defined in Schedule 1 to the Environmental Permitting Regulations.

The appropriate fee must be enclosed with the application to enable it to be processed further. When complete, send the form and the fee and any additional information to:

Environmental Protection Team
Communities
Huntingdonshire District Council
Pathfinder House
St. Mary's Street
Huntingdon
PE29 3TN
E: envhealth@huntingdonshire.gov.uk
T: 01480 388302

If you need help and advice

We have made the application 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.

For the purposes of Section H of the form, a relevant offence is any conviction for an offence relating to the environment or environmental regulation.

LAPPC application form: to be completed by the operator

LAPPC application form: to be completed by the operator		
For Local Authority use		
Application reference	Officer reference	Date received

A The basics

A1 **Name and address of the installation (not required for mobile plant)**

A14 asphalt plant

The plant will be located on land off the A1198 road to the south of Godmanchester within the scope of permitted development for the Highways England A14 Huntingdon to Cambridge road upgrade scheme.

Postcode

Telephone

A2 **Details of any existing environmental permit or consent** *(for waste operations, include planning permission for the site, plus established use certificates, a certificate of lawful existing use, or evidence why the General Permitted Development Order applies.*

New permit application

A3 **Operator details** *(The 'operator' = the person who it is proposed will have control over the installation in accordance with the permit (if granted).)*

Name: Aggregate Industries UK Limited

Trading name, if different:

Registered office address: Bardon Hall
Copt Oak Road
Markfield
Leicestershire
LE67 9PJ

Principal office address, if different: Bardon Hill
Coalville
Leicestershire
LE67 1TL

Company registration number: 00245717

A4 Any holding company?

Is the operator a subsidiary of a holding company within the meaning of section 1159 of the Companies Act 2006? If "yes" please fill in details of the ultimate holding company.

No Yes

Name: LafargeHolcim Ltd
Trading name, if different:
Registered office address: Zurcherstrasse 156 CH – 8645 Jona Switzerland
Principal office address, if different:
Company registration number: CH – 160.3.003.050-5

A5 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 and position: Dr Ian Holton, Environmental Permitting Manager Aggregate Industries, Bardon Hill, Coalville, Leics, LE67 1TL
Telephone: 01530 512162
Email: ian.holton@aggregate.com

B **The installation**

B1 **What activities are, or will be, carried on at the installation? Please include “directly associated activities” (this term is explained in Annex III in Part B of the [general guidance manual](#).**

- | | |
|---|---|
| a) are you coating roadstone | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| b) are you recycling asphalt pavement | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| c) are you recycling asphalt pavement containing coal tar | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| d) any other activities? please specify: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
-

If you have answered ‘yes’ to B1d and specified mobile plant, this activity is not suitable for a simple permit.

B2 **Why is the application being made?**

- new installation
 change to existing installation means it now needs a permit

B3 **Site maps – please provide:**

- **A location map with a red line round the boundary of the installation**

Document reference: Figure 1

- **A site plan or plans showing where all the relevant activities are on site:**

- a) where the processing plant will be installed
- b) the areas and buildings/structures designated for materials/ waste storage and the type of storage
- c) the conveyors and transfer points
- d) any directly associated activities or waste operations.

To save applying for permit variations, you can also show where on site you might want to use for storage etc in the future.

Document reference: Figure 4

B4 **Are there any sites of special scientific interest (SSSIs) or European protected sites nearer than any of the following distances to the proposed installation?**

- 2km - where anyone of the installation burners is over 20MW net thermal rated input
- 1km - otherwise Yes No

If ‘yes’, is the installation likely to have a significant effect on these sites and, if so, please write on a separate sheet or enclose a relevant document explaining what the implications are for the purposes of the Conservation (Natural Habitats etc) Regulations 1994 (see appendix 2 of Annex XVII of the [general guidance manual](#))

B5 Will emissions from the activity potentially have significant environmental effects (including nuisance)?

Yes No

If 'yes': list the potential significant local environmental effects (including nuisance) of the foreseeable emissions

Document Reference: _____

- please enclose a copy of any environmental impact assessment which has been carried out for the installation under planning legislation or for any other purpose.

Document Reference: _____

C The details

C1 Does your installation have arrestment equipment, with external discharge points, not serving silos or dryers with an airflow of: (Tick all that apply)

- a) over 300m³/minute: Yes No
- b) under 300m³/minute and over 100m³/minute: Yes No
- c) under 100 m³/minute: Yes No

C2 Do you have continuous monitors to show compliance with a numerical limit in Table 1 of the simple permit? [informs condition 2]

Yes No

If yes, do the continuous monitors have alarms which are: [informs condition 2]
(tick all that apply)

- a) visible? Yes No
- b) audible? Yes No
- c) alarm activation recorded automatically? Yes No
- d) is a trigger level set? Yes No

At what percentage of the emission limit is the value set?%

Have you undertaken isokinetic sampling at least once to demonstrate compliance with the numerical limit in Table 1?

Yes No

C3 Is odour arrestment equipment installed? [informs condition 2]

Yes No

If yes please describe it [informs condition 2]

Note: "dusty material" should be taken to be any material which can be wind-entrained. It excludes, for example, >3mm material and scalplings.

C4 Which of the following will the fillers and binders be stored in :
(tick all that apply) [informs condition 5]

	fillers	binders
silo	X	
bulk storage tank		X
within a building		
in fully-enclosed containers/packaging		
other - please specify		

C5 Do you have pneumatic transfer of materials? [informs condition 6-9]
 Yes No

If yes, will displaced air from pneumatic loading and unloading of fillers be:
(tick all that apply) [informs condition 9]

- a) vented to arrestment plant
- b) back-vented to the delivery tanker
- c) other - please specify Vented to atmosphere

C6 Do you have alarms to warn of overfilling of fillers and bitumen?
 Yes No [informs condition 7]

C7 Will displaced air from pumping bitumen from tankers be: (tick all that apply)
[informs condition 7]

- a) vented to arrestment plant
- b) other - please specify Vented to atmosphere

C8 Do deliveries of fillers and bitumen automatically stop for: [informs condition 6]

	fillers	binders
over-filling	X	X
over-pressurisation	X	

If yes, does the displaced air pass through abatement plant prior to emission to air?
[informs condition 9]

- a) fillers Yes No
- b) binders Yes No

C9 For aggregates and recycled asphalt: *[informs condition 4]*

Is the plant in a quarry? Yes No

If no, does most stone arrive by road? Yes No

C10 Do you have any quarry roads as part of the installation?

Yes No *[informs condition 13]*

C11 For materials not dealt with in condition 4-7, what facilities will be provided to store any dusty material and waste?

(tick all that apply) *[informs condition 10]*

a) hopper wind-protected on at least 3 sides

b) storage bay without suppression & stockpiles lower than retaining walls

c) storage bay with suppression

d) fully-enclosed stores

e) other - *please specify:* _____

C12 Will any material be stored in the open (unenclosed) other than material wholly comprised of one or more of the following: >3mm material, sand, scalplings, road sub base (MOT) material that has been conditioned before deposit, conditioned crusher-run or blended material? *[informs condition 10]*

Yes No

C13 Do you have belt conveyors: *[informs condition 11]*

Yes No

If yes, which of the following facilities will be provided to convey any dusty material and waste *(tick all that apply)* *[informs condition 11]*

a) deep trough ground-level conveyor

b) fully-enclosed conveyor

c) pneumatic handling system

d) bucket elevator

e) wind boards

f) other – *please specify:* _____

C14 Which of the following methods will be used to minimise emissions at belt conveyor transfer points, including free fall of material?

(tick all that apply) *[informs condition 11]*

a) enclosed

b) enclosed and ducted to arrestment equipment

c) fitted with a chute

d) other - *please specify* _____

C15 Which of the following techniques will be used to clean belt conveyors (tick all that apply) *[informs condition 11]*

- a) belt scrapers
- b) catch plates
- c) other techniques for keeping the return belt clean and collecting the material removed by the cleaning – *please specify:*

C16 How will potentially dusty materials (including any raw materials, finished products and waste), arrive at or leave the site? (tick all that apply) *[informs Condition 12]*

	Raw Materials	Finished Products	Waste
Road	X		X
Rail			
Other			

C17 How will potentially dusty materials, (including any raw material, finished products and waste) be transported within the site (tick all relevant) *[informs condition 14]*

- a) tanker
- b) fully-enclosed transport
- c) 'canopied' rail wagons
- d) sheeted transport
- e) water suppression applied to the transported material
- f) aqueous polymer suppression applied to the transported material
- g) bagged
- h) other – please specify: _____

C18 Which techniques will you use to ensure that vehicles do not track material onto the highway? *[informs condition 12]*

- a) body and wheel wash Yes No
- b) wheel wash Yes No
- c) hose and brush Yes No
- d) sufficient distance to the site boundary on sealed road before leaving site Yes No
- e) Other, *please describe:* Road sweeper

C19 Are any of your mixing buildings semi-enclosed? *[informs condition 15]*

- a) all are enclosed Yes No
- b) at least one is semi-enclosed Yes No

F Protection of information

F1 Any confidential or national security info in your application?

If there is any information in your application you think should be kept off the public register for confidentiality or national security reasons, please say what and why. [General guidance manual](#) chapter 8 advises on what may be excluded. *(Do not include any national security information in your application. Send it, plus the omitted information, to the Secretary of State or Welsh Ministers who will decide what, if anything, can be made public.)*

Document Reference _____

F2 Please note: data protection

The information you give will be used by the Council to process your application. 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.

F3 Please note: it is an offence to provide false etc information

It is an offence under regulation 38 of the EP Regulations, for the purpose of obtaining 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
- intentionally to make a false entry in any record required to be kept under any environmental permit condition
- with intent to deceive, to forge or use a document issued or required for any purpose under any environmental permit condition.

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).

H Declarations A and B for signing, please

These declarations should be signed by the person listed in answer to question A3. Where more than one person is identified as the operator, all should sign. Where a company or other body corporate is the operator, an authorised person should sign and provide evidence of authority from the board.

Declaration A: I/We certify

~~EITHER – As evidence of my/our competence to operate this installation in accordance with the EP Regulations, no offences have been committed in the previous five years relating to the environment or environmental regulation.~~

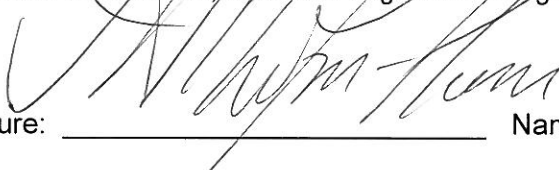
OR- The following offences have been committed in the previous five years which may be relevant to my/our competence to operating this installation in accordance with the regulations:

One failure to comply with Regulation 2 and three failures to comply with Regulation 9 of the Greenhouse Gas Emissions Trading Regulations 2012 were recorded in 2017.

Signature:  Name: James Atherton-Ham

Position: Director and General Counsel Date: 16 January 2018

Declaration B: 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 the listed 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.)*

Signature:  Name: James Atherton-Ham

Position: Director and General Counsel Date: 16 January 2018

Signature: _____ Name: _____

Position: _____ Date: _____



A14 Asphalt Plant, Godmanchester

Permit Application

Appendix 2 – Supporting Information

15 January 2018

1 Introduction

This document contains information in support of the application for a permit for a roadstone coating plant being made by Aggregate Industries UK Limited for its new installation near Godmanchester, Huntingdon. Where information is provided in respect of a specific question on the application form, the question number is shown in square brackets, e.g. [X1].

The coating of roadstone with tar or bitumen is a prescribed process according to Part 2, Chapter 3, Section 3.5, Part B (e) of the Environmental Permitting (England and Wales) Regulations 2016.

Asphalt pavement will be recycled at the installation; this will be undertaken as a directly associated activity to the roadstone coating process.

2 Installation

The coating plant will be a new installation [B2]. It is being built to support the £1.5 billion Highways England scheme to upgrade the A14 Huntingdon to Cambridge road and will be the main plant supplying roadstone to the scheme during the construction phase.

The plant site is located on land off the A1198 road to the south of Godmanchester, close to the new alignment for the A14 road and the main contractor's Ermine Street Compound; a location map is included as Figure 1 [B3]. The site for the plant forms part of the permitted development area given over to the construction phase of the scheme [C9]; this will enable a large proportion of the roadstone supply requirements to be delivered from within the construction area given to the main contractor.

Figure 2 shows that there are no sites of special scientific interest (SSIs) or European protected sites within a 2 km radius of the site [B4].

The coating plant will be modular in nature to allow for it to be removed from the site once the project has been completed. Figure 3 shows elevation drawings of the plant. The plant will have a maximum width of 34 m on its south western elevation and 22 m on its south eastern elevation, and will be a maximum of 31 m from ground level to the top of the stack.

Aggregates will be delivered to the site by road; however, to minimise vehicle movements it is intended to deliver a large proportion of the virgin aggregates required by train to Cambridge and then transfer these to site during off-peak working hours to minimise vehicle impacts on the surrounding road network during busy periods.

Aggregates will be unloaded from road vehicles into defined aggregate storage bays. The storage bays will occupy an area approximately 200 m long and 25 m wide; the bays will be enclosed on three sides and the dedicated dust storage bay will also be covered [C11]. No materials will be stored in the open [C12]. Wheeled loading shovels will move aggregates from the storage bays to the plant. A site plan is included as Figure 4 [B3].

filter bags that are hanging in the baghouse. Dust builds up as a coating on the outside surface of filter bags. Bag cleaning is achieved by a rotating reverse air valve mechanism. Section by section, it allows an amount of atmospheric air through the bag thus inflating the bag. The dust coating on the outside of the bags breaks up, drops into the collecting hopper and can be used as reclaimed filler in the asphalt process. The clean air will be let out into atmosphere through a 30 m high chimney.

The dust collection plant has been designed to achieve a maximum emission of 20 mg/m³ of dry particulate matter; Process Guidance Note 3/15(12) requires arrestment plant to be designed to a limit of 50 mg/m³. Emissions from the plant will be monitored for particulates using a continuous emission monitor with visible and audible alarms, which will be operated in accordance with the manufacturer's instructions; the alarm will be set to operate at 75% of the emission limit and activation of the alarm will be recorded automatically [C2]. Emissions from the stack will also be tested for particulate matter once a year in accordance with the main procedural requirements of BS ISO 9096:2003.

3.4 Mixing tower

A sealed bucket chain elevator initially conveys the dried and heated aggregates to the screen. The vibration screen then separates the aggregates according to their grain sizes and leads them into the chambers of the hot mineral silo. The dosing flaps portion the aggregate components defined by the corresponding recipe; their weight is then determined by the mineral scale. The same procedure is made with bitumen and filler. Further additives are either determined by their weight or their volume. The complete batch is finally given to the mixer. During this operation, the plant control system is in charge of the correct order.

3.5 Hot mineral storage

The plant will have the capacity to store up to 60 tonnes of hot mineral in four 7.8 tonne capacity bins, a 19.8 tonne capacity sand chute and an 9 tonne capacity by-pass chute, each fitted with an electro-pneumatically activated outlet door.

3.6 Asphalt storage silo

The asphalt storage silo comprises 4 no. bins with a total capacity of 200 tonnes, all sited within the building enclosure. The weight of asphalt discharged from each bin is controlled by a weighbridge under the silo and integrated into the asphalt plant control system. A single foul batch hopper is also part of the system, and is again controlled through the weighbridge system.

3.7 Filler

Imported filler will be stored in a 60 m³ capacity silo, with a separate 60m³ capacity silo for reclaimed filler. [C4]. The silos will be fitted with alarms to warn of over-filling [C6].

Dust recovered from the dust collection system during the drying process is first conveyed mechanically (by conveyor screws, elevator) to a buffer silo in the mixing tower from where it

4 Recycling operation

Waste asphalt generated by the A14 Huntingdon to Cambridge road upgrade scheme will be recycled as a directly associated activity to roadstone coating. The rationale for this being a directly associated activity is that the recycled asphalt will be used on site in the roadstone coating plant. The replacement of primary materials with recycled asphalt in bituminous mixtures is an established practice under BS EN 13108-8 *Bituminous mixtures – Material specifications – Part 8: Reclaimed asphalt*, and both increases resource efficiency and reduces the overall environmental impacts of the roadstone coating process.

The recycling operation will take place in a dedicated area separate to the permitted area for the roadstone coating plant, as shown in Figure 4. Within the recycling area, waste materials will be stored and treated to produce fully recovered products in accordance with the Quality Protocol for the production of aggregates from inert waste. Treatment will consist only of sorting, separating, screening, crushing and blending. Storage of waste asphalt will not exceed 40,000 tonnes at any one time and no more than 75,000 tonnes of waste asphalt will be treated per year.

Waste materials will either be delivered to the site by road (for example, returned loads of asphalt or asphalt planings generated from existing roads) or are produced as part of site production processes (for example, cleanout from the plant).

Rigorous waste acceptance procedures will be implemented to ensure that only non-hazardous bituminous wastes (EWC code 17 03 02) will be treated.

Unwanted materials, which make up a small fraction of the waste, will be segregated and disposed of under the provisions of the Duty of Care Regulations.

5 Emission monitoring and control

The main sources of particulate emissions associated with the roadstone coating process and the methods that will be used to control them are summarised in Table 1.

Table 1: Potential emission sources and control methods proposed

Source	Emission	Type	Control method
Site roads	Dust (particulates)	Fugitive	Main trafficked areas are hard surfaced and regularly swept.
Aggregate bays	Dust (particulates)	Fugitive	Bays will be surrounded on three sides with aggregates not stocked higher than the bay walls. Fine aggregate bays will also be covered.
Hoppers	Dust (particulates)	Fugitive	Feed hoppers will be covered on three sides.

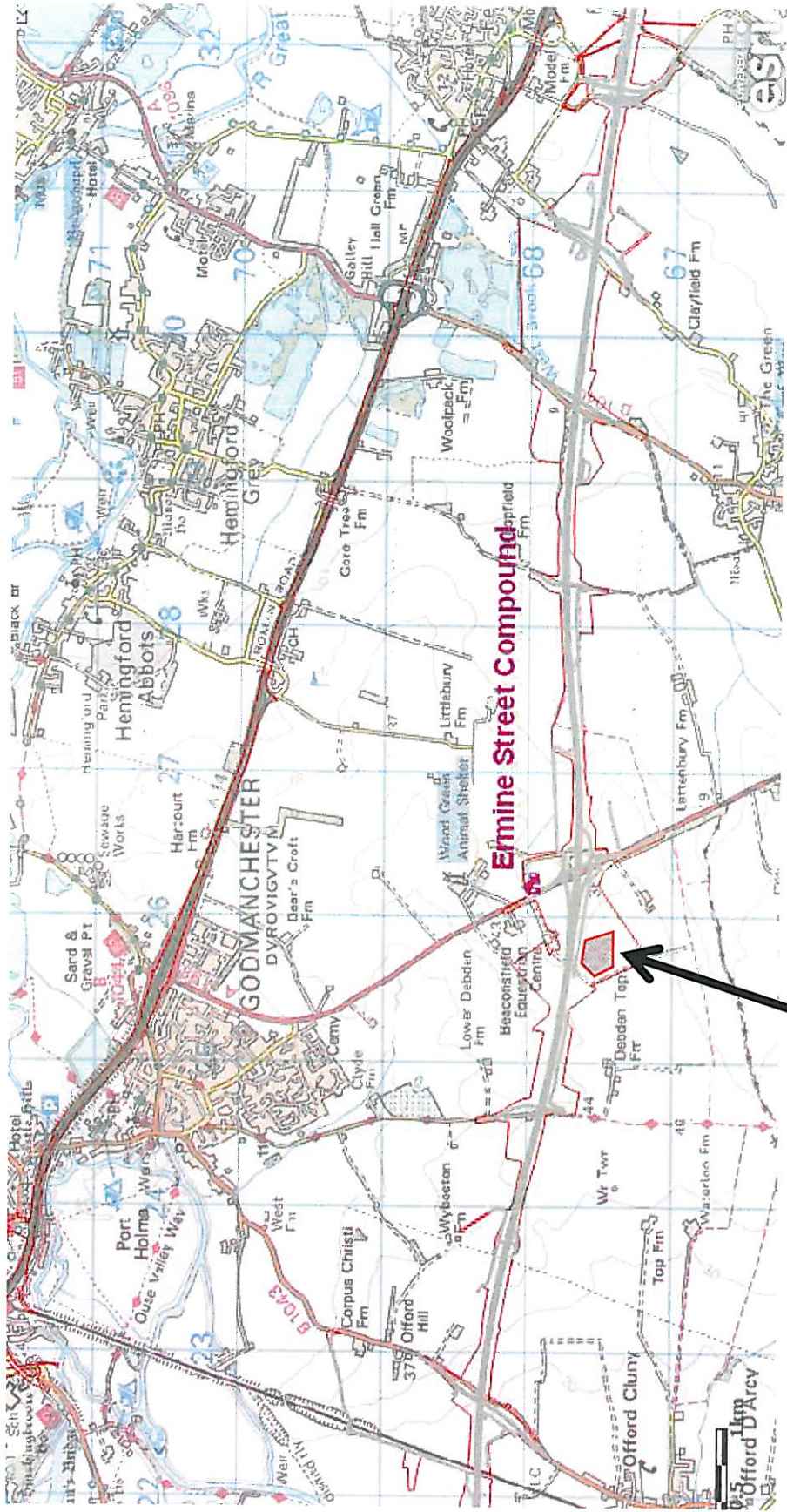
pollution from site activities associated with normal operations, maintenance activities, incidents and non-conformances [C21]. The system is accessible through the IMS section of the Company intranet.

The IMS will require the site to have:

- Trained and competent employees, fully conversant in the operation of the concrete batching plant, its impacts and environmental controls (Logbook & Inspections), management system policies and emergency procedures. A record of all training will be kept and will be available for inspection.
- Access to management supervision and specialist knowledge as and when required.
- A planned preventive maintenance inspection regime which will include the holding of critical spares (e.g. rubber loading socks and filters) on site to repair/rectify any malfunctions that may give rise to any abnormal emission as and when these are detected.
- A set of emergency procedures to respond to any unforeseen event. These procedures will be practised and evaluated on an ongoing basis.

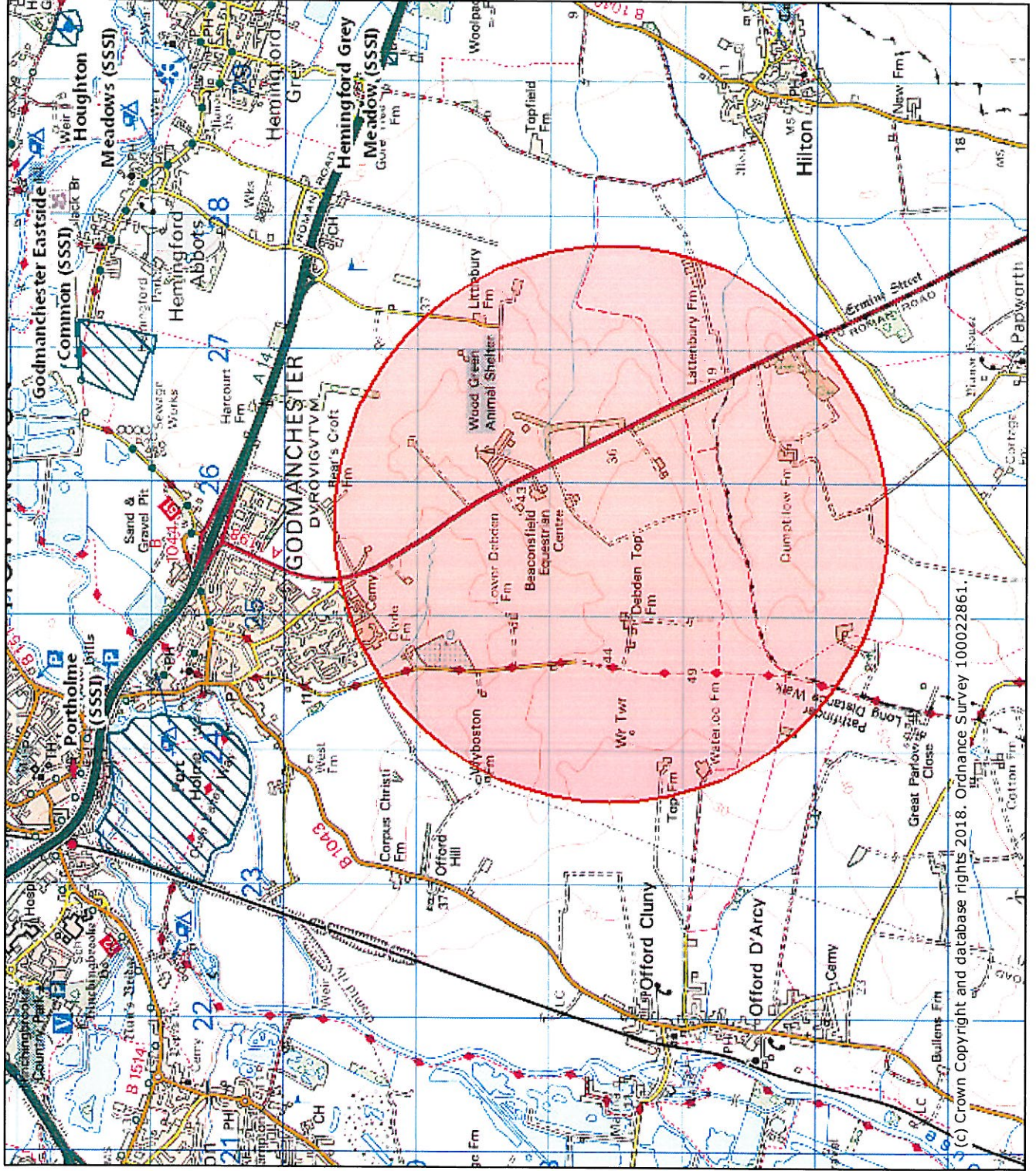
The activities taking place at this site will be subject to both internal audit and external audit as part of the ISO14001 certification process.

Figure 1: Location map for A14 Asphalt Plant



AI Asphalt Plant

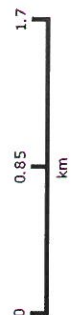
MAGiC A14 Asphalt Plant - Statutory Designations



Legend

-  Ramsar Sites (England)
-  Sites of Special Scientific Interest (England)

Projection = OSGB36
 xmin = 515600
 ymin = 262800
 xmax = 534900
 ymax = 273700



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