



Application for a permit for a blending, packing, loading, unloading, storage and use of bulk cement activity.

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 for a permit to a Local Authority to operate a blending, packing, loading, unloading and use of bulk cement installation as defined in Schedule 1 to the Environmental Permitting Regulations. **Internet search "PG 3/1 cement" for specific guidance.**

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 application to enable it to be processed further.

When complete email submissions are preferred: **environmental@baberghmidsuffolk.gov.uk**

Postal applications can be made to:

**James Buckingham
Environmental Protection team
Babergh and Mid Suffolk District Councils
Endeavour House
8 Russell Road
Ipswich
Suffolk
IP1 2BX**

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 declaration A in Section 'I' of this form, a relevant offence is any conviction for an offence relating to the environment or environmental regulation.

Other documents you may need to submit

There are number of other documents you may need to send us with your application. Please label these clearly and refer to them in the application. Existing information can be submitted as part of the application provided that it is relevant.

Using continuation sheets

In the case of the questions on the application 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

Please send **the original and 1 copy** of the form and all other supporting material, to assist consultation. If you are submitting your application electronically, a single paper copy of the application must accompany your electronic data. Contact e-mail address: **fay@ehrc.org.uk**

LAPPC Application Form: to be completed by the operator		
For Local Authority use		
Application Reference:	Officer Reference:	Date received:

A1 About the Operator

A1.1 Name of the installation (business name)

ECO CONCRETE LTD.

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

MALTING FARM, GT. BLAKENHAM,
IPSWICH, SUFFOLK

Postcode IP6 0LX

Telephone 07751864782

Ordnance Survey national grid
reference 8 characters

T	M
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1	1	6
---	---	---

5	1	3
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A1.3 Existing authorisations:

Please give details of any existing LAPPC or LA-IPPC authorisation for the installation, or any waste management licences or water discharge consents, including reference number(s) and type(s):

N/A no waste produced

Please provide the information requested below about the "Operator", which means the sole trader, partnership or organisation who it is proposed will have control over the installation in accordance with the permit (if granted)

A2.1 The Operator – Please provide the full name of each partner, sole trader, company or corporate body (the legal entity of the business)

ECO CONCRETE LTD.

Trading/business name (if different)

Registered Office address

Malting farm, Gt Blakenham
Ipswich

Postcode: IP6 0LX

Principal Office address (if different)

Postcode: _____

Company registration number: _____

A2.2 Holding Companies

Is the operator a subsidiary of a holding company within the meaning of Section 1159 of the Companies Act 2006?

No

Yes name of ultimate holding company _____

Registered office address

Postcode

Principal Office address (if different)

Postcode

Company registration number: _____

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 could be an agent or consultant rather than the operator.

Name JESSICA LOCKWOOD

Position SALES + LOGISTICS MANAGER.

Address MALTING FARM, GT. BLAKENHAM, IPSWICH

Postcode IP6 0LX

Telephone number 01473 839125

Fax number _____

E. Mail address ~~ecoconcrete~~tda@gmail.com

B The installation

B1 Does the installation have any silos with capacity more than 500 tonnes?

No Yes

B2 Are you a cement or cement clinker importer?

No Yes

If you have answered 'yes' to either B1 or B2 the installation is not suitable for a simple permit.

B3 Are you a concrete batcher (includes volumetric mixers)?

No Yes

B4 Do you cast products or make blocks?

No Yes

B5 Site maps – please provide:

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

location map reference: SENT via Email

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

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

Site plan reference: map on Email

B6 Are there any sites of special scientific interest (SSSIs) or European protected sites nearer than any of the following distances to the proposed installation?

> 1km - where the installation involves mineral or cement and lime activities

No Yes

If yes, is the installation likely to have a significant effect on the special scientific interest or European protected sites?

No Yes

If yes, 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](#))

Document reference: _____

B7 Will emissions from the activity potentially have significant environmental effects, such as dust (including nuisance)?

No Yes

If yes, please list the potential significant local environmental effects (including nuisance) of the foreseeable emissions on a separate document.

If yes, 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.

C Cement delivery, storage and use

C1 How do you store cement (Tick all that apply)

a) silo(s)?

Yes No

c) in bags / sacks?

Yes No

c) other

Yes No

if you use bags/sacks of cement, describe how and where you store them, if you have ticked 'other' please describe how you store your cement:

C2 Provide full details for all cement silos used:

	Silo 1	Silo2
Date of manufacture:	2014	
Make:	RAPID INT LOW LEVER POWER SILO.	
Model:	RSLL SOT	
Serial number:	CT251	
Capacity (tonnes):	SOT	
PRV type:	WAM	
Filter type:	WAM	
High level alarm fitted?	YES	
Over pressure alarm fitted?	YES	
Maximum delivery pressure:	1	

C3 Please supply the manufacturers filter specification *[you must get this information]:*

Document reference:

WAM filters

C4 Does an alarm sound for any of the following:

a) over-filling

Yes No

b) over-pressurisation

Yes No

C5 Does an automatic shut-off operate for any of the following during a delivery:

a) over-filling?

Yes No

b) over-pressurisation?

Yes No

C6 Please supply a documented cement delivery procedure, including: how the tanker connects to your silo, the checks performed to ensure that silo protection systems are working, how the delivery procedure and maximum blowing pressure are communicated to the tanker driver, and the actions to take in the event of a problem during the delivery:

Procedure reference:

C7 Please supply a documented procedure, stating how you minimise cement dust emissions when transferring cement to the mixer truck or volumetric truck:

Procedure reference:

D Aggregates, sand and waste

D1 How will aggregates and sand be delivered to site, and how will waste material be removed?
(tick all that apply)

a) rail wagons

b) sheeted trucks

c) bagged

d) other - please specify

D2 Do you have belt conveyors:

No

Yes

D3 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)

- a) enclosed
- b) enclosed and ducted to arrestment equipment
- c) fitted with a chute N/A
- d) other - please specify _____

D4 Which of the following techniques will be used to clean belt conveyors (tick all that apply)

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

D5 How do you store aggregates, sand and any waste materials? (tick all that apply)

- a) hopper wind-protected on at least 3 sides
- b) storage bay without suppression and stockpiles kept lower than the retaining walls
- c) storage bay with dust suppression
- d) fully-enclosed or indoor stores
- e) other - please specify

E Housekeeping

E1 Which techniques will you use to ensure that vehicles do not track material onto the highway?

- a) body and wheel wash Yes No
- b) wheel wash Yes No
- c) hose and brush Yes No
- e) other - please specify _____

E2 describe how you will keep your yard clean and how you plan to prevent dusty emissions leaving your site. A fully concreted yard area will help you to keep your site clean.

F Management, maintenance and training

F1 Describe how often, and how you will record checks and maintenance undertaken on your silo, including:

Silo filter: monthly

Silo alarm: weekly

Silo PRV: weekly

Service: 6 monthly

F2 Describe how you will keep records of emissions every day and during cement deliveries, providing an example of the recording system you plan to use:

Keep a diary of weather condition

Document reference: _____

F3 Provide a list of persons trained / instructed / authorised to receive a cement delivery and / or to operate the silo

Ben few

Document reference: _____

G Application fee

The application fee must be paid in full before your application can be determined 'duly made'.

Payment details will be sent to you on receipt of the completed application form, and will be calculated as follows:

Basic application fee:

£362 = £ 362

If the plant is already operating (see answer to B1.4), an additional £71 is required

£71 = £ 71

Total Fee Payable £ 433

The fees are set by central Government, not the Council. We will confirm receipt of this fee when we write to you acknowledging your application.

If your application is successful you will also have to pay an annual subsistence charge, so please say who you want invoices to be sent to.

Address

MALTING FARM, GT BLAKENHAM, IPSWICH,
SUFFOLK. Postcode: IP6 0LX

H Protection of information

H1 Any confidential or national security info in your application? Yes No

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.

Document Reference: _____

H2 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.

H3 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).


I Declarations A and B for signing, please

These declarations should be signed by the person listed in answer to question A2.1 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:

Signature:  _____ Name: _____
Position: _____ Date: _____

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: _____
Position: _____ Date: _____

Signature: _____ Name: _____
Position: _____ Date: _____



Cement Silo Operations and Maintenance



Safe Operating Procedure

- ✓ Only fully trained operatives to operate silo(s). Authorised persons are:

Name	Date trained	Notes
Ben Lew	6-3-2015	.

- ✓ Visual inspection for leaks and spillages to take place daily
- ✓ Spillages to be cleared up immediately
- ✓ Leaks to be reported immediately silo immobilised.
- ✓ Emergency stop to be tested daily
- ✓ Silo power supply to be isolated for inspections and maintenance.



Monthly filter inspection

Year: 2023

Complete the following filter inspection log emissions monitoring record sheet to ensure:

- ✓ 1 - Free from dusty emissions
- ✓ 2 - Reverse air jet working
- ✓ 3 - Filter elements clean and not blinded (clogged)
- ✓ 4 - Filter elements free from damage

Month	Date	Silo 1	Silo 2	Silo 3	Silo 4	Notes:
January	10/1/23	✓				new filters fitted
February	6/2/23	✓				filters clean
March	1/3/23	✓				" "
April	3/4/23	✓				" "
May	2/5/23	✓				filters cleaned and refitted
June	5/6/23	✓				filters clean
July	3/7/23	✓				filters clean
August	7/8/23	✓				" "
September						
October						








Maintenance and inspections

Daily

Complete bulk cement emissions monitoring record sheet to ensure:

- ✓ Free from dusty emissions
- ✓ No dust crossing site boundary

Made a note of:





-  The time of the day (24-hour clock)
-  The name of the person making the assessment
-  Basic weather conditions (wind direction is very important)
-  Are there dusty emissions from process operations?
-  Are dusty emissions crossing the site boundary?

Weekly or before a cement delivery


Complete bulk cement emissions monitoring record sheet to confirm:

- ✓ The filter is working
- ✓ High level alarm is working
- ✓ Over pressure alarm is working (if fitted)
- ✓ Automatic shut-off is working (if fitted)
- ✓ The PRV is clean and not seized (remove the cover for visual inspection and ensure the pressure plate can be lifted)

Made a note of:

-  PRV check
-  Filter check
-  Alarm check
-  Shut-off valve check

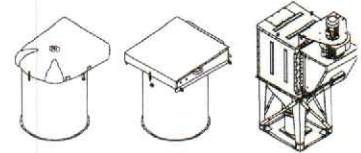
Monthly

-  Filter inspection (see separate sheet)



WAM®

BULK MATERIAL HANDLING EQUIPMENT
DUST COLLECTORS DIVISION



EMISSIONS

REVERSE JET FILTER

TYPE: **SILOTOP® : series R01 and R02 and R03**

WAM® S.p.A. certify that the filter SILOTOP®: series R01 and R02 and R03 have been designed for use with cement powder.

The level of dust emissions will not exceed 5 milligrams per cubic metre provided that the filter elements are installed, operated & maintained in accordance with the operating and maintenance instructions (Catalogue N° WA.03505.02. M), that filtering elements and other components (when replaced) are of WAM® manufacture and finally that silo is not over pressurized or over filled.

Tests have been carried out on the basis of the following parameters:

Test number: 3236
Dust type: Cement
Test Points: Dirty air inlet and clean air outlet
Dust filter type: SILOTOP®R01
Filtering Surface: 24.5 m²
Filtering Media: Polyester Spunbonded 265gr/m²

OPERATION TIME (minutes)	DUST CONCENTRATION (mg/Nm ³)		AIR VOLUME (Nm ³ /h)	TEMP. (°C)
	DIRTY AIR INLET	CLEAN AIR OUTLET		
40	15750	2.65	1190	20



Safety, Health & Environmental Requirements

Tanker Drivers



1. On arrival report to site office or authorised plant operator.
2. Ensure all connection points are fitted correctly to the charging point.
3. Discharge in a controlled manner.
Maximum of bar pressure.
4. Remain at your controls throughout the delivery process.
5. Stop discharge immediately on hearing the alarm or seeing a dust emission & report to the site office or authorised plant operator.



6. DO NOT under any circumstances vent residual air through the silo.



7. All residual air must be vented through the tanker on board filtration system.
8. All spillages must be reported to the site office or authorised plant operator.
9. On completion of the delivery report to the site office or authorised plant operator.

**The above instructions are legal requirements for
Environmental Permitting**



Safe refilling of silo

- ✓ Tanker driver to report to office and receive permission to unload.
- ✓ Complete emissions log sheet.
- ✓ Filters, compressor and high level alarms to be turned on and sufficient capacity in silo checked.
- ✓ Tanker to be positioned to refill and tanker connected to silo using appropriate discharge hose.
- ✓ Tanker driver not to exceed **1.0 Bar** when discharging.
- ✓ Driver to remain with tanker at all times during the delivery.
- ✓ In the event of the alarm being activated tanker driver should **stop filling immediately** and contact site office.
- ✓ Any spillages or leaks must be cleaned up and reported to site office.
- ✓ After refilling is complete the silo filter should be left to run for a period sufficient to clear the filter.



November						
December						

Bulk cement emissions monitoring record sheet



Week commencing date: _____

To be completed every working day

Day	Time	Name of assessor	Weather (wind direction and strength, drizzle, rain, sunny, dry etc)	Dusty emissions from mixer truck loading? (tick whichever applies)		Dusty emissions across site boundary? (tick whichever applies)		Intensity and extent of emission, cause of emission and action taken
				Yes	No	Yes	No	
Monday								
Tuesday								
Wednesday								
Thursday								
Friday								

To be completed for every cement delivery

(If no cement delivery is received this week, write "No delivery this week" across the boxes below)

Day	Maintenance checks If OK, if not OK & action (at least once per week)				Delivery times		Dusty emissions from tanker?		Dusty emissions from tanker hoses?		Dusty emissions from silo?		Intensity and extent of emission, cause of emission and action taken
	PRV	Filter	Alarm	Shut-off	Start	End	Yes	No	Yes	No	Yes	No	

* Dust assessments should include the following information:

Intensity	Extent
No visible dust	None
Slight visible dust	Very localised release not extending more than 0.5m from source
Visible dust	Localised release extending more than 0.5m from source, but not beyond the site boundary
Gross visible dust	Extends beyond site boundary

Bulk cement emissions monitoring record sheet



Week commencing date: _____

To be completed every working day

Day	Time	Name of assessor	Weather (wind direction and strength, drizzle, rain, sunny, dry etc)	Dusty emissions from mixer truck loading? (tick whichever applies)		Dusty emissions across site boundary? (tick whichever applies)		Intensity and extent of emission, cause of emission and action taken
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Cement Silo Operations and Maintenance