Cheque £1579 - In safe 2/06/2011

Dudley
Metropolitan Borough Council

APPLICATION FORM FOR A PART B PERMIT

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 regime is known as Local Authority Pollution Prevention and Control (LAPPC). Installations permitted under this regime are known as B installations. Use this form if you are sending an application for a 'Part B' permit to a Local Authority under the Environmental Permitting (England and Wales) Regulations 2010 ("the EP Regulations").

BEFORE YOU START TO FILL IN THIS FORM

Please read the DEFRA general guidance manual issued for LA-IPPC and LAPPC. 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 as relevant. The Environmental Permitting (England and Wales) Regulations 2010 can be obtained from The Stationary Office, or viewed on their website at: http://www.opsi.gov.uk/si/si2010/pdf/uksi_20100675_en.pdf.

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 please send the original form and all other supporting material to:

Dudley M.B.C.
Directorate of the Urban Environment
Environmental Protection
Claughton House
Blowers Green Road
Dudley
DY2 8UZ

Tel: 01384 814685
Email: EnviroProtect.DUE@dudley.gov.uk

Application Form.

OTHER DOCUMENTS YOU MAY NEED TO SUBMIT

There are number of other documents you may need to send us with your application. Each time a request for a document is made in the application 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 this reference number and the application reference number, if you have been given one, which will be at the top of the form overleaf. If you do not have either of these, please use the name of the installation.

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.

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.

LAPPC APPLICATION FORM TO BE COMPLETED BY THE OPERATOR

For Local Authority Use		
Application Reference:	Officer Reference:	Date Received

A1.1 NAME OF THE INSTALLATION

MOBILE CEMENT SILO

A1.2 PLEASE GIVE THE ADDRESS OF THE SITE OF THE INSTALLATION

MOBILE CEMENT SILO, VARIOUS SITE
AT PRESENT LOCATED AT WEEFORD QUARRY, HALESOWEN

Postcode B75 5SZ Telephone

The Ordnance Survey national grid reference 8 characters for examples SJ 123 456 (can be obtained from typing postcode into one of the on-line mapping sites.

☐☐☐☐☐☐☐☐

A1.3 EXISTING PERMITS

Please give details of any existing LAPC or IPC Permit for the installation, including reference number(s):

CEMENT SILO ~~SAT~~ (STATIC) PB/113

Please provide the information requested below about the "Operator", which means the person 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 Company or Corporate Body

ACCUMIX CONCRETE LTD

Trading/business name (if different)

Registered Office address

HAMSTALL HOUSE, OAKDALE TRADING ESTATE
HAMLANE, KINGSWINFORD WESTMIDLANDS
Postcode DY6 7JH

Principal Office address (if different)

Postcode

Company registration number

4507902

A2.2 HOLDING COMPANIES

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

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 STEPHEN PHILLIPS

Position M.D.

Address HAMSTALL HOUSE, ~~HAN~~ OAKDALE TRADING ESTATE, HAMLANE, KINGSWINFORD, WEST MIDS

Postcode DY6 7JH.

Telephone number 01384 296 986

Fax number 01384 294 850

E. Mail address STEVE@ACCUMIX.CO.UK.

B1 ABOUT THE INSTALLATION

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

In ***"Activities In The Stationary Technical Unit"*** please identify all activities listed in Schedule 1 Part 2 to the EP Regulations that are, or are proposed, to be carried out in the stationary technical unit of the installation.

In ***"Directly Associated Activities"*** please identify any directly associated activities that are, or 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

B1.1 TABLE OF ACTIVITIES AT THE INSTALLATION

ACTIVITIES IN THE STATIONARY TECHNICAL UNIT
NO CHANGE TO THE LOCAL OPERATION, MOBILE OPERATION TO STORE RAW AWS, BOTH SAND & GRAVEL, LOADING & UNLOADING BULK CEMENT, TO OPERATE A REMOTE VOLUMETRIC CONCRETE OPERATION, MOVE FROM CONTRACT TO CONTRACT.

DIRECTLY ASSOCIATED ACTIVITIES
THE PROPOSED REMOTE SITES WILL BE USED TO PROVIDE READY MIXED CONCRETE TO ANY CONTRACT THAT HAS A REQUIREMENT, I.E. MOTORWAY'S, WIND FARMS, ETC.

B1.2 WHY IS THE APPLICATION BEING MADE?

- The installation is new. ✓
- The installation is existing, but changes to the installation or to the EP regulations means that an LAPPC Part B permit is now required.

B.1.3 SITE MAPS

Please provide:

- A suitable map showing the location of the installation clearly defining extent of the installations in red.

Doc Reference N/A VARIOUS SITES

- 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.

Doc Reference N/A VARIOUS SITES

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 installation and activities and identify the foreseeable emissions to air from each stage of the process (this will include any foreseeable emissions during start up, shut down and any breakdown/abnormal operation). AS PREVIOUS.

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

Doc Reference

B2.2 Once all foreseeable emissions have been identified in the proposed installation activities, 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).

If any monitoring has been undertaken please provide the details of emission concentrations and quantify in terms of mass emissions. If no monitoring has been undertaken please state this.

(Mass Emission – the quantification of an emission in terms of its physical mass per period of time. E.g. Grams per hour, tonnes per year)

B2.3 For each emission identified from the installations' activities describe the current and proposed technology and other techniques for preventing or, where that is not practicable reducing the emissions. If no techniques are currently used and the emission goes directly to the environment, without abatement or treatment this should be stated.

Doc Reference

B2.4 Describe the proposed systems to be used in the event of unintentional releases and their consequences. This must identify, assess and minimise the environmental risks and hazards, provide a risk based assessment of any likely unintentional releases, including the use of historical evidence. If no assessments have been carried out please state.

Doc Reference

B2.5 Describe the proposed measures for monitoring all identified emissions including any environmental monitoring, and the frequency, measurement methodology and evaluation procedure proposed. (e.g. particulate matter emissions, odour etc). Include the details of any monitoring which has been carried out which has not been requested in any other part of this application. If no monitoring is proposed for an emission please state the reason.

Doc Reference

B2.6 Provide detailed procedures and policies of your proposed environmental management techniques, in relation to the installation activities described.

Doc Reference

AS PREVIOUS SITE.

B3 IMPACT ON THE ENVIRONMENT

B.3.1 Provide an assessment of the potential significant local environmental effects of the foreseeable emissions (for example, is there a history of complaints, is the installation in an air quality management area?)

Doc Reference

B.3.2 Are there any sites of special scientific interest (SSSIs) or European Protected Sites which are within either
-2 kilometres for an installation which includes Part B combustion, incineration (but not crematoria), iron and steel, and non-ferrous metal activities, or
-1kilometre for Part B mineral activities and cement and lime activities
-0.5Kilometre for all other Part B activities?

No ☑

Yes ☐ *Please give names of the sites*

B.3.3 Provide an assessment of whether the installation is likely to have a significant effect on such sites and, if it is, provide an assessment of the implications of the installation for that site, for the purposes of the Conservation (Natural Habitats etc) Regulations 1994.

Doc Reference

B4 ENVIRONMENTAL STATEMENTS

B4.1 Has an environmental impact assessment been carried out under The Town and Country Planning (Environmental Impact Assessment)(England & Wales) Regulations 1999, or for any other reason with respect to the installation.

No ☑

Yes ☐ *Please supply a copy of the environmental impact assessment and details of any decision made.*

Doc Reference

B5 ADDITIONAL INFORMATION

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

Doc Reference

C1 FEES AND CHARGES

Your application cannot be processed unless the application fee is correct and enclosed, please refer to the fees and charges page on the website or contact Dudley MBC (01384 814685) for details of the correct fee for your application.
Alternatively you can email your enquiry to EnviroProtect.DUE@dudley.gov.uk

Cheques should be made payable to: Dudley M.B.C.

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

C1.1 Please give any company purchase order number or other reference you wish to be used in relation to this fee.

MCS001

C2 ANNUAL SUBSISTENCE CHARGES

If we grant you a permit, you will be required to pay an annual subsistence charge, failure to do so will result in revocation of your permit and you will not be able to operate your installation.

C2.1 Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges within your finance section.

ALUMIA CONCRETE LTD

OAKDALE TRADING ESTATE HAMLAKE

KINGSWINFORD, WEST MIDLANDS

Postcode DY6 7JH Telephone 01384296986

C3 COMMERCIAL CONFIDENTIALITY

C3.1 Is there any information in the application 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

When providing information you should ensure that any information which you consider is commericially confidential is readily identifiable. It may assist the Council if any information you wish to be excluded from publication is submitted in a way which will allow it to be easily removed should your claim be granted. For example on separate pages marked "claimed confidential."

C3.2 Is there any information in the application 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 application form to the Secretary of State for a Direction on the issue of National Security.

C4 DATA PROTECTION

The information you give will be used by the Local Authority 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 that 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 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 S. PHILLIPS

Position M.D.

Date 31/5/2011

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: _____

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.*

Vehicle Loading Visual Inspection Procedure

This process is to be undertaken every time the Accumix Lorries are loaded with cement from the Silo

1. Safely manoeuvre the vehicle into the correct position below where the cement will be dispatched from the silo via the sleeve
2. Put on the correct safety wear
    a. Mask
    b. Gloves
3. Access the vehicle via the landing, removing the barrier and ensuring that you always move forward, never step back when working at height
4. Safely open the hatch on the vehicle to where the cement will be deposited
5. Ensure the sleeve is placed inside the hatch to minimise any cement escaping
    a. Check for damage to the sleeve
6. Fill the vehicle with cement whilst continually visually checking that no excessive escape of cement is occurring
7. If any excessive cement is observed escaping into the air then the operation must be stopped **immediately** and the findings reported to the office
8. Upon the successful loading of the vehicle, remove the sleeve, carefully to ensure no damage occurs and close the hatch securely
9. Safely exit the vehicle via the landing and place the barrier across

Delivery Tanker Offloading Visual Inspection Procedure

This process is to be undertaken every time the silo is refilled with cement from the delivery tanker

1. Inform the tanker driver of the correct position where cement will be dispatched from the tanker to the silo
2. Allow the cement taker to connect to the silo safely
3. While the silo is being refilled, check that there are no visual escapes of cement from the silo
    a. This can be done by stepping back from the silo far enough to see the filter and pressure relief valve .
4. If any cement is observed escaping into the air then the operation must be stopped **immediately** and the findings reported to the office
5. On successful completion of the refilling process check the reverse air jet filter is performing its cleaning cycle and that the cement tanker leaves the premises safely.

B2.1 The cement silo is a mobile installation that is used for the bulk storage of powdered cement. Cement is a major ingredient in the production of ready-mixed concrete. The proposal is to move the silo from contract to contract around the country for the production of concrete in motorway repair and maintenance.

The silo is designed to be transportable and is moved when empty from location to location using a crane and low loader.

Prior to transport the silo is emptied of material using a bulk cement tanker. This is to ensure that the weight of the silo is below 10 tonnes for the crane to perform the lift, also to reduce any chance of emissions during this process.

To empty the silo the road going cement tanker is placed under the cement augur and the stored material discharged in to the loading point on the top of the cement tanker.

The frame work, walk ways, cement discharge augur are removed. The reverse air jet filter is removed and stored ready for transport. The silo is then craned onto the low loader and transported to a new site.

Upon arrival a crane would lift the silo in to position , on level ground , the frame work , walkways , cement discharge augur and the reverse air jet filter are all refitted to the silo and tested prior to cement being blown in .

The mobile concrete dispenser (MCD) would then load cement from the bulk storage silo into the smaller storage hopper on the MCD. At this point the cement augur and storage hopper do not a perfect sealed connection and a small emission of cement dust will take place. Various process such as, longer cement socks and limited openings have been introduced to reduce dusting to a minimum. The operation to load the MCD with cement takes approximately 4-5 minute.

In the same area as the silo there would also be located aggregate storage, both sand and gravel stored on the floor with retaining walls made using concrete Lego blocks. Also on site would be 2 secure containers, holding various equipment for the maintenance and running of the operations.

The silo would be filled using the normal pressurised discharge method. The road tanker would couple up to the loading pipe on the silo. The operator would run the normal checks prior to discharge and activate the reverse air jet filter. While the discharge is taking place the standard visual checks would take place. If any dusting or escape of powder is noticed the emergence shut down procedure kikes in. All escape is reported to the office.

B2.2 There is minimal emissions from the process, except when loading in to the MCD from the silo; this is only a light dusting and has no impact on the environment.

B2.3 What little emissions of dust is dispersed quick in to the atmosphere

B2.4 There is a very low risk of releases and there is no major risk to the environment . regular inspections of the silo and maintenance programme will and do raise any issues to prevent release .

B2.5 Refer to visual inspection procedure attached.

ACCUMIX CONCRETE LIMITED
SILO MONTHLY INSPECTION SHEET

DEPOT:_____

1. Visual check of Silo main body	OK		PROBLEM
Details:_____			
2. Power On/Off working	YES		NO
3. High level Alarm check Audible & Visual (Light)	OK		PROBLEM
Details:_____			
4. Cement delivery sock condition	GOOD	OK	REPLACE
5. Cement augar check & remove build up	YES		PROBLEM
Details:_____			
6. External light on Silo working	YES		NO
7. Any fresh cement on floor	YES		NO
- Has it been reported / actioned correctly	YES		NO
8. Clean control panel / correctly labelled	YES		NO
9. Dry air blow working (if fitted)	YES		NO
10. Reverse air jet filter cycle checked	YES		NO
11. Load cells working (if fitted)	YES		NO

DATE:_____

CHECKED BY:_____

ACTIONED BY:_____

PASSED OFF BY:_____

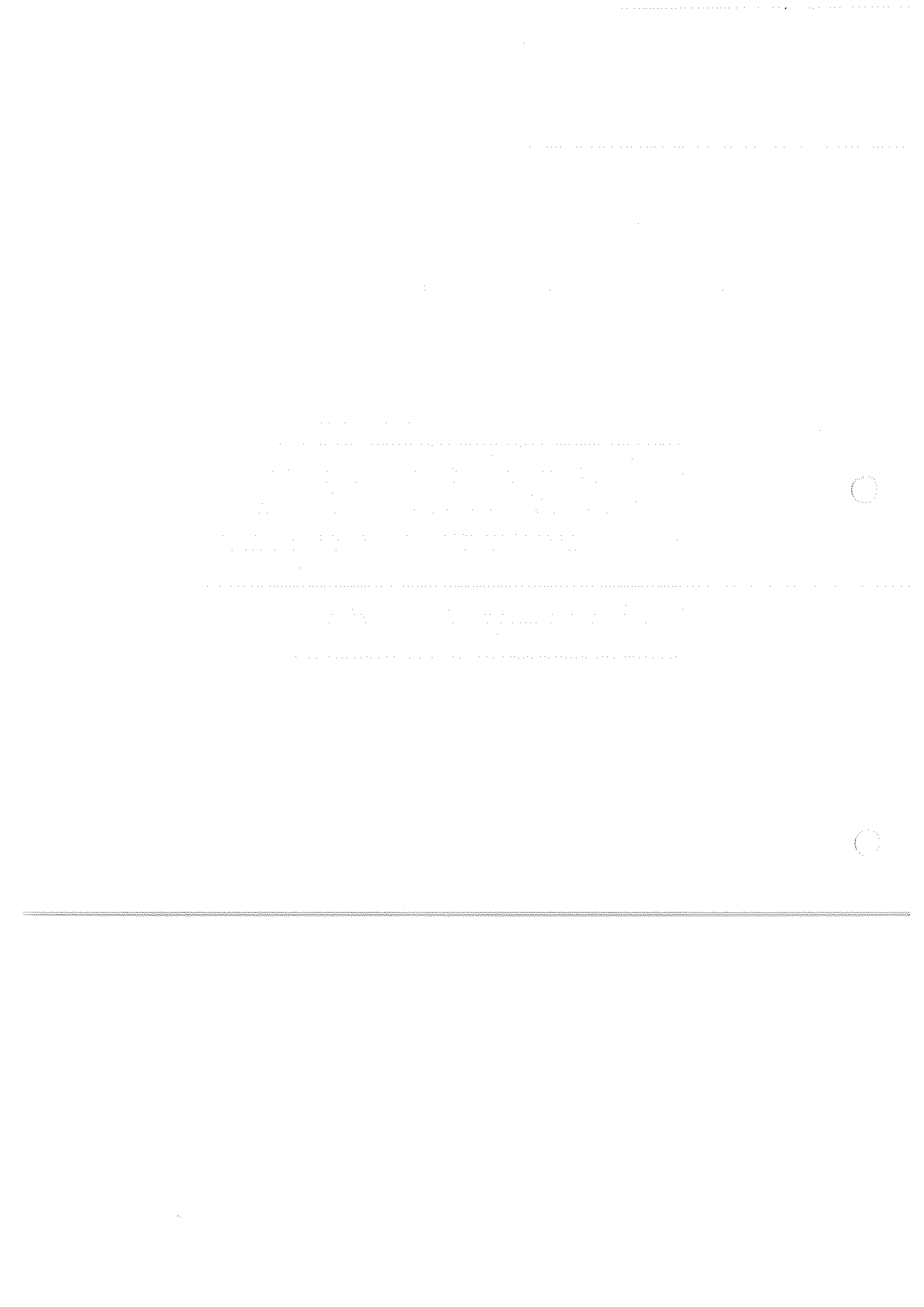
I acknowledge that I have received training in the following procedures from Accumix:

- Vehicle Loading Visual Inspection Procedure
- Delivery Tanker Offloading Visual Inspection Procedure

Print Name	Sign	Date

A copy of the written procedures will be issued on receipt of a signature


ACCU MIX
CONCRETE LIMITED



DRAFT / 1ST SUB

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1. Safely manoeuvre the vehicle into the correct position below where the cement will be dispatched from the silo via the sleeve
2. Put on the correct safety wear
    a. Mask
    b. Gloves
3. Access the vehicle via the landing, removing the barrier and ensuring that you always move forward, never step back when working at height
4. Safely open the hatch on the vehicle to where the cement will be deposited
5. Ensure the sleeve is placed inside the hatch to minimise any cement escaping
    a. Check for damage to the sleeve
6. Fill the vehicle with cement whilst continually visually checking that no excessive escape of cement is occurring
7. If any excessive cement is observed escaping into the air then the operation must be stopped **immediately** and the findings reported to the office
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1. Inform the tanker driver of the correct position where cement will be dispatched from the tanker to the silo
2. Allow the cement taker to connect to the silo safely
3. While the silo is being refilled, check that there are no visual escapes of cement from the silo
    a. This can be done from the bottom of the office steps
4. If any cement is observed escaping into the air then the operation must be stopped **immediately** and the findings reported to ~~the office~~ Site manager
5. On successful completion of the refilling process check the reverse air jet filter is performing its cleaning cycle and that the cement tanker leaves the premises safely.

I acknowledge that I have received training in the following procedures from Accumix:

- Vehicle Loading Visual Inspection Procedure
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Print Name	Sign	Date

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Details:_____			
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Details:_____			
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- Has it been reported / actioned correctly	YES		NO
8. Clean control panel / correctly labelled	YES		NO
9. Dry air blow working (if fitted)	YES		NO
10. Reverse air jet filter cycle checked	YES		NO
11. Load cells working (if fitted)	YES		NO

DATE:_____

CHECKED BY:_____

ACTIONED BY:_____

PASSED OFF BY:_____

Foreseeable Emissions

B2.1 The cement silo is a mobile installation that is used for the bulk storage of powdered cement. Cement is a major ingredient in the production of ready-mixed concrete. The proposal is to move the silo from contract to contract around the country for the production of concrete in motorway repair and maintenance.

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B2.4 There is a very low risk of releases and there is no major risk to the environment . regular inspections of the silo and maintenance programme will and do raise any issues to prevent release .

B2.5 Refer to visual inspection procedure attached.

Victoria Hulse

From: Lynda Fawthrop
Sent: 03 June 2011 09:05
To: 'Steve@accumix.Co.uk'
Cc: Victoria Hulse
Subject: Application for Environmental Permit

Dear Mr Phillips,

As discussed yesterday your application for an Environmental Permit for your mobile cement silo cannot be accepted as duly made because of the lack of detail about the plant, the operation, the pollution abatement techniques to be employed for loading and off loading of the silo and records retention.

In order to progress the application please provide information in response to the questions listed below within 14 days.
B2.1
B2.2
2.3
B2.5
B2.6

Attached is an electronic copy of the application form for reference to the wording of the questions listed .

Application Form to Operate a ...

Your cheque wil be held in the safe and will only be deposited once sufficient information has been received for the application to be considered duly made.

If you require any further information please do not hesitate to contact me.

Regards

Lynda Fawthrop
Principal Environmental Health Officer
Environmental Protection
01384 814629