MICK GEORGE ®

www.mickgeorge.co.uk
Email: sales@mickgeorge.co.uk
Tel: 01480 498 099
Fax: 01480 498 077

6 Lancaster Way
Ermine Business Park
Huntingdon
Cambs
PE29 6XU

25th November 2016

HDC DOC CENTRE
28 NOV 2016
RECEIVED

For the attention of Dave Bass,
Environmental Health Department,
Huntingdonshire District Council,
Pathfinder House,
St. Mary's Street,
Huntingdon
PE29 3TN

COMMUNITY
29 NOV 2016
RECEIVED

Environmental Permitting Regulations 2010 (as amended)

Permit Application – Mobile Concrete Batching Plant

Please find enclosed a Permit Application for the use of a mobile concrete batching plant.

I also enclose a cheque for the application fee, which is made payable to Huntingdonshire District Council for £1579.

The application comprises of a Permit Application and supporting statement with appendices.

I hope that you find this application to be complete and I look forward to receiving confirmation that it has been registered.

Should you require any further information I can be contacted as below.

Kind regards

S Rich

Stuart Richardson

Technical Manager
Mobile 07789 558 067
stuart.richardson@mickgeorge.co.uk

Huntingdonshire
DISTRICT COUNCIL

Application for a Permit for a Standard Part B Installation

Pollution Prevention and Control Act, 1999
Environmental Permitting (England and Wales) Regulations 2010 (as amended)

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

HDC DOC. CENTRE
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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.

Huntingdonshire
DISTRICT COUNCIL

Application for a Permit for a Standard Part B Installation

To be completed by the Operator

A	The basics

A1	Name and address of the installation			
	Name	N/A – Mobile Plant		
	Postcode		Telephone N°	

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.

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	Mick George Concrete Ltd	
	Trading name if different		
	Registered office address		
	6 Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire.		
	Postcode	PE29 6XU	Telephone N°	01480 499137
	Principle office address, if different		
	Postcode		Telephone N°	
	Company registration number	8240961	

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DISTRICT COUNCIL

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**~~ ☐ **No** ☐√			
	Holding company name			
	Name			
	Trading name if different			
	Holding company registered office address			
	Postcode		Telephone N°	
	Principle office address, if different			
	Postcode		Telephone N°	
	Company registration number			

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 could be an agent or consultant rather than the operator.*		
	Name	Stuart Richardson	
	Position	Technical Manager	
	Address	6 Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire.	
	Postcode	PE29 6XU	Telephone N°	01480 499137 / 07789 558067
	Email	stuart.richardson@mickgeorge.co.uk	

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A6	**Who can we contact about your permit?** *Assuming your permit will be issued it will help to have someone who we can contact directly with any questions about your permit*		
	Name	Garry Woodcock	
	Position	Concrete Operations Manager	
	Address	6 Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire.	
	Postcode	PE29 6XU	Telephone N° 01480 499317 / 07467 943183
	Email	garry.woodcock@mickgeorge.co.uk	

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.**	
	The installation is new.	Yes
	~~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: • 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**
	Cement Storage	
	Concrete Batching	

Directly-associated activities	Section in the EP Regulations (if any)
Aggregate Storage	

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: **N/A**
	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: **N/A**

C	The details

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 the supporting statement	Document Reference: **Supporting Statement**

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. (*Using process flow diagrams may help to simplify this.*)	
	N/A	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 the supporting statement	Document Reference: **Supporting Statement**

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C3	Environmental management	
	What environmental management procedures and policies will you deploy?	
		Document Reference:

C4	Impact on the environment			
	What are the potential significant local environmental effects (including nuisances) of the foreseeable emissions?			
	N/A – Mobile Plant			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: N/A

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

E	Fees and Charges

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	Purchase Ledger	
	6 Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire.		
	Postcode	PE29 6XU	Telephone N° 01480 498099

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

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:

- 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

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

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

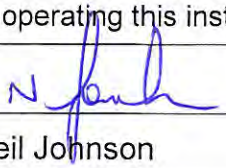
- we may prosecute you and, if you are convicted, you are liable to a fine or imprisonment (or both).

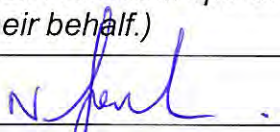
H	Declarations A and B for signing

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- 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:	Neil Johnson
Position:	Technical and Waste Director
Date:	25.11.2016

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 1:	
Name:	Neil Johnson
Position:	Technical and Waste Director
Date:	25.11.2016
Signature 2:	
Name:	
Position:	
Date:	

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Environmental Permitting Regulations 2010 (as amended)

Supporting Statement to Permit Application

Permit Application: Mobile Concrete Batching Plant

Plant Type: Concrete Batching Plant

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Document Control

Document	Permit Application
Site	Mobile Concrete Batching Plant
File Origin	Mobile Concrete Batching Permit Application Statement.docx

Issue Number	Date	Status
001	18.11.2016	Draft
002	25.11.2016	Application

Contents

1.0 - The Application

2.0 - The Applicant

3.0 - Application Site

4.0 - Hours of Operation

5.0 - Plant Operation

6.0 - Material Storage

7.0 - Maintenance and Plant Inspections

8.0 - Dust

9.0 - Mud and Debris

1.0 The Application

This application seeks to gain an Environmental Permit for the operation of a mobile concrete batching plant. This is a process that requires authorising by the local authority under The Pollution Prevention and Control (England and Wales) Regulations 2010 (as amended).

2.0 The Applicant

The Applicant Company is Mick George Concrete Ltd which is a subsidiary of Mick George Limited.

Mick George Limited is one of the leading suppliers to the construction industry in East Anglia and the East Midlands. The company specialises in providing bulk excavation & earthmoving services, aggregate & concrete supply and waste management services as seen in the companies concrete plants, quarries, landfill sites and waste transfer stations spread across the region.

3.0 Application Site

The mobile concrete batching plant will be predominantly used on Mick George premises, however, with the nature of the plant being mobile, it will also be used on construction sites for the local production of concrete.

4.0 Hours of Operation

The operating times of the batching plant will be those times that have been approved through the Planning Permission for the site where it is being used.

5.0 Plant Operation

Operation of a concrete batching plant is a process whereby cement is mixed with coarse aggregate (graded stone) and fine aggregate (sand) as well as with water, to mix the various ingredients to form concrete.

Concrete batching plants can be divided into the following parts:

- Aggregate feeding.
- Powder feeding (fly ash, cement and expanding agent).
- Water.
- Admixture for mixing the materials.
- Conveyance and storage.

The process of manufacturing ready mixed concrete is a relatively straightforward process and it relies upon having robust quality standards and systems; this is to ensure that the products have the

correct constituents in the correct proportions in the final mix. The following table provides an easy step by step guide to the main elements of the process.

Step	Process
1	The constituent parts of the final product are delivered to site. They comprise of: • Aggregates (sand and gravel). • Cement, which, is brought to site in specialist tankers and discharged in to silo's • Admixtures, non-hazardous modified organic materials (liquids) – added to improve its workability, strength and resistance to freezing. • Water.
2	Aggregates are taken from the storage bays by a rubber tyred loading shovel and fed in to the aggregate hoppers.
3	Aggregate, in the correct proportions, is then fed via the aggregate conveyor into the loading head, where it is fed in to the mixer lorry with cement, water and admixtures.
4	The truck mixer then leaves to deliver its load of ready mixed concrete.
5	When the truck mixer returns it may be necessary to wash out the barrel, this is done by rotating a dry aggregate mix within the mixer which is then discharged back in to a bay for recycling.

6.0 Material Storage

Aggregates are brought to the site in tipping vehicles and the material will then be stored in designated bays within the site. The material will then be delivered to the batching plant using a loading shovel.

Other materials that are stored include the following:

Cement – Delivered to the site by road tankers and pneumatically pumped into the storage silo. The displaced air is exhausted through a reverse air jet filter at the top of the silo's as well as through the delivery tankers which are designed to prevent any discharge of material to the atmosphere. The filter is kept clear by a pulse of air which blows accumulated material back in to the silo. The silo is fitted with an audible alarm that is activated when the cement reaches the predetermined level in the silo. This also activates an indicator light, warning the tanker driver that the silo is nearly full. Under air quality Regulations a permit to operate the plant is required from the Local Authority, which forms this application.

Admixtures – These liquids are delivered to site by road tankers. The liquids are non-hazardous and are stored in double skin containers to prevent escape.

7.0 Maintenance and Plant Inspection

Staff that are operating the plant have received appropriate training in the process, maintenance and performance of the plant. They complete a daily inspection of the plant and the operation, these inspections are recorded on the Weekly Site Inspection Sheet. A copy of the inspection report is included in Appendix 2, Dust Control Measures (Doc 5).

To help reduce unexpected plant failures a third party is employed to carry out 3 monthly independent inspections of the plant and its operation. The details of the inspection are recorded on

the Preventative Maintenance Report. A copy of the inspection report is included in Appendix 2, Dust Control Measures (Doc 6).

8.0 Dust

As part of the site inspections, the facility is inspected on a daily basis for the emissions of dust. The inspection is recorded daily on the Weekly Site Inspection Sheet. The potential for dust generation will be from either the aggregate storage bays or the Ready Mixed Concrete plant.

Aggregate Storage Bays –

Should dust be seen to be generated from the aggregate storage bays water will be applied to the bays to limit the generation of wind-blown dust.

Ready Mixed Concrete Plant –

There are 2 areas of a potential dust release from the concrete processing plant which are shown on the Cement Delivery Discharge shown in Appendix 2, Dust Control Measures (Doc 1). These two areas are as follows;

- Area 1 - Cement Bulker delivery into the silo's
- Area 2 - Cement Discharge Head

The documents contained in Appendix 2 set out the control measures to limit the potential for dust release from the two areas above. The titles of said documents can be seen below.

Area 1 – Document 2 - Instructions for Cement Tanker Drivers

Area 1 – Document 3 – Reverse jet filter

Area 1 – Document 4 - Emergency Procedures – Cement Powders

Area 2 – Document 5 - Weekly Site Inspection Sheet

Area 2 – Document 6 - Preventative Maintenance Plant Inspection Report

Area 2 – Document 7 - Emergency Procedures - Dust Emissions (This procedure covers dust emissions other than cement of PFA)

9.0 Mud and Debris

Good housekeeping procedures shall prevent the accumulation of mud and debris at the site. However, in the event that mud and debris does accumulate on vehicle wheels, then they will be cleaned as necessary with a hose and/or brush in order to maintain the cleanliness of the public highway.

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Appendices

Appendix 1 – Mobile Concrete Batching Plant Picture

Appendix 2 - Dust Control Measures

Appendix 3 – News Release June 17, 2015

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Appendix 1

Mobile Concrete Batching Plant Picture

WATER TANK.
WET BATCH MIXER.
CEMENT SCREW FEED
4 x AGGREGATE BINS
MCM60
MICK GEORGE
CONCRETE
MCS50
MICK GEORGE
GENERATOR.
40 TONNE (?) CEMENT SILO.
CONTROL CABIN

MICK GEORGE ®

Appendix 2

Dust Control Measures

The control and management of potential dust emissions from concrete batching plants

Appendix 2

Dust Control Measures

Mobile Concrete Batching Plant Permit Application
November 2016

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Mobile Concrete Batching Plant
Permit Application

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Contents

Potential Emission sources and control

Doc 1 Cement Delivery Discharge

Doc 2 Instructions for Cement Tanker Drivers

Doc 3 Reverse Jet Filter

Doc 4 Emergency Procedure - Cement Powders

Doc 5 Weekly Site Inspection Sheet

Doc 6 Preventative Maintenance Plant Inspection Report

Doc 7 Emergency Procedures – Dust Emissions

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Potential Emission sources and control

The mobile concrete batching plant has been designed and developed to the highest British Standards, the MCMS50/60 Mobile cement silo is the latest innovation on the Mobile Range market for the concrete production industry.

It has been identified that within the design of the plant the risk of dust emissions from the start up of the plant will be negligible. However, if there were to be emissions to atmosphere there are 2 distinctly separate stages within the process where an emission source may originate.

The two separate stages of the plant are as follows:

- Silo's and cement discharges
- Cement discharge head

Silo and Cement and Discharge

There is a potential risk of dust emissions to atmosphere whilst cement is discharging from the delivery bulker to the cement storage silos. To minimize the potential impact from this activity the Company has developed procedures called 'Instructions for Cement Tanker Drivers' (Doc 2).

These procedures require the tanker driver to stay with the vehicle throughout the entire delivery. Through having this control in place a driver would be able to identify at an early stage if there was a dust emission and he would be able to either stop the emission or to be able to raise the alarm.

Dust maybe released from the silo whilst a delivery is being made. On top of each silo is a cylindrically shaped dust collector for venting of the pneumatically filled silos. Dust is separated from the air flow by the filter elements and drops back into the silo via an automatic reverse air jet cleaning system which removes the dust from the filter elements. (Doc 3).

In the event of an unplanned release of dust to atmosphere, the Company has developed emergency procedures for the control of cement powders to atmosphere. These procedures are trained out to all staff operating the plant. (Doc 4).

Cement Discharge Head

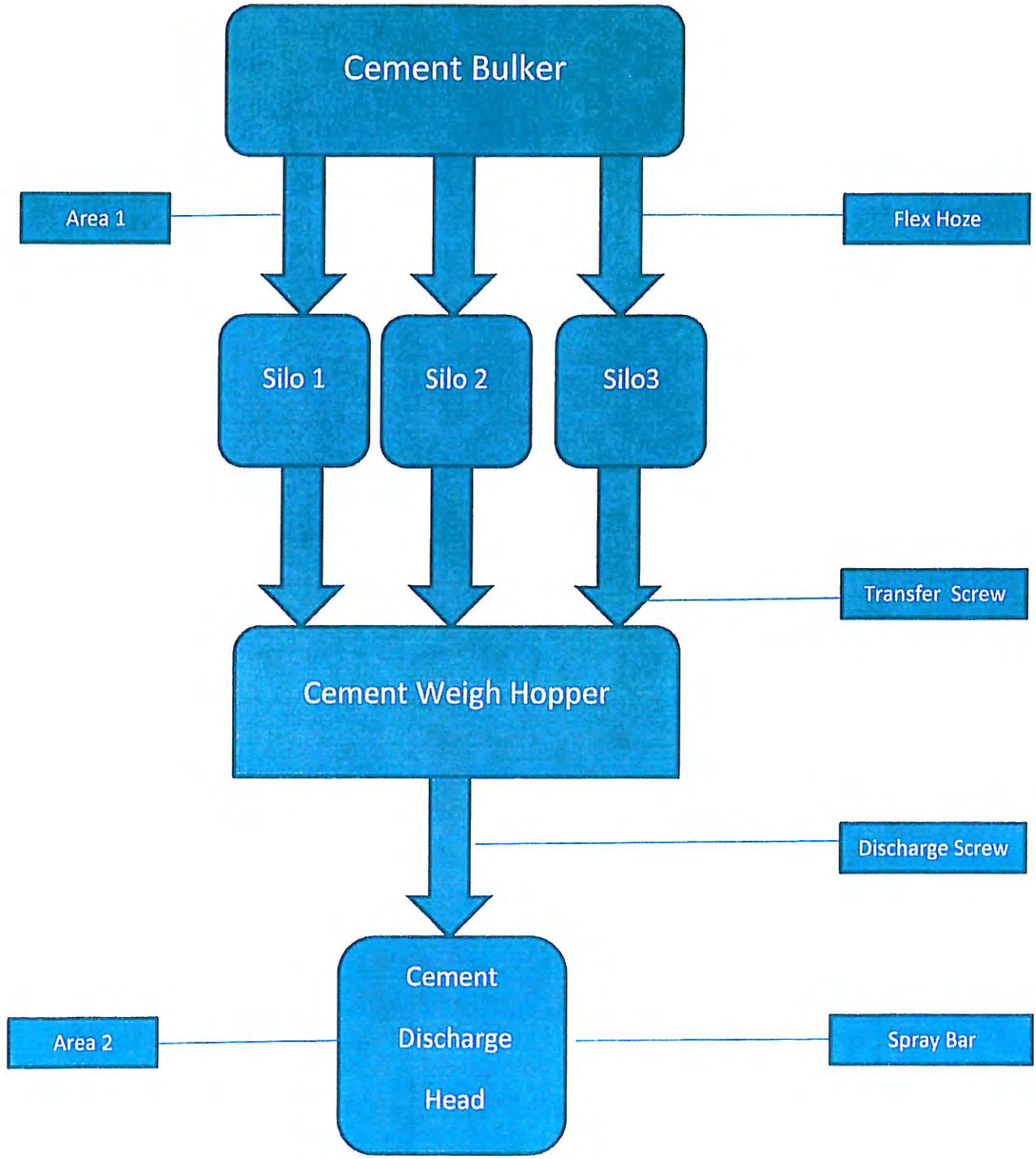
The potential for dust emissions from the discharge head is controlled by use of a water spray bar which is fitted as part of the dust suppression system.

The operators of the plant have daily checks regarding the plants operation, included in these checks is a requirement to check for dust emissions. (Doc 5).

To assist in the maintenance of the plant and thereby reduce the potential release of dust emissions, a third party contractor is employed to inspect the plant. Through the routine third party inspection of the plant, the company is able to carry out planned preventative maintenance. (Doc 6).

In the event of a dust emission there is a procedure to be adopted which covers dust emissions other than cement or PFA. (Doc 7).

Doc 1


Cement Bulker
Area 1
Flex Hoze
Silo 1
Silo 2
Silo3
Transfer Screw
Cement Weigh Hopper
Discharge Screw
Cement
Discharge
Head
Area 2
Spray Bar

Doc 2.

MICK GEORGE CONCRETE

INSTRUCTIONS FOR CEMENT TANKER DRIVERS

1. All drivers must report to the plant supervisor before delivery commences who will activate the silo protection system.
2. The driver must stay with the vehicle throughout the entire delivery.
3. Ensure that the product on the delivery ticket matches the silo fill pipe label.
4. Discharge at less than the maximum pressure of 12 PSI.
5. In the event of an alarm or an emission discharge you must stop immediately and report to the plant supervisor.
6. Discharge must not recommence until authorisation is given by the plant supervisor.
7. On completion of delivery DO NOT vent tanker pressure through the silo.
8. When delivery is complete report back to the plant supervisor.

ALL EMISSONS MUST BE REPORTED TO THE PLANT SUPERVISOR IMMEDIATLEY

Doc 3

WAM®

WAMGROUP

Powder Handling • Dust Filtration • Flow Control • Components

REF:
Process Guidance Note
Draft PG3/1 (2001)
EMISSIONS

REVERSE JET FILTER

TYPE: **SILOTOP R01®**

Wam can certify that the SILOTOP R01® has been designed for use with all the products listed in the Maintenance Manual
(Pages M.05.01-M.05.04)

The SILOTOP R01® complies with the requirements of the Environmental Protection Act 1990 in respect of the venting of storage silos while being loaded by belly tankers.

The level of dust emissions will not exceed 10 milligrams per cubic metre provided that the filter elements are installed, operated & maintained in accordance with our operating and maintenance instructions, that cartridges and other components (when replaced) are of WAM manufacture and finally that the silo is not over pressurised 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:	24.5m^2
Filtering Media:	Polyester spunbonded 280 gr/m^2

OPERATION TIME	DUST CONCENTRATION		AIR VOLUME	TEMPERATURE
	DIRTY AIR INLET	CLEAN AIR INLET	Nm^3/h	^{o}C
40 MINUTES	15,750	2.65	1180	20

Fantini William
General Manager
WAM S.p.A.
Via Cavour, 338
41030 Ponte motta di Cavezzo (MO)
ITALY
Tel.: +39 - 0535 618111
Fax.: +39 - 0535618226

Doc 4

MICK GEORGE CONCRETE

Emergency Procedure – Cement Powders

1. Assume control of the situation
2. Ensure site personnel are not put at any risk from the emission
3. Wear the appropriate PPE as per COSHH sheet
4. Isolate & stop the cause of the emission
5. Make every effort to prevent the emission from contamination neighbouring business or homes.
6. Inform the manager of the situation
7. If the emission is minor, remove any powders manually to a secure area and treat with water. Wash down all affected areas thoroughly.
8. If the emission is major, a vacuum tanker will be necessary to prevent further risk of dust emissions.
9. Manager to inform the local EHO if a major emission has occurred.

Manager to complete report.

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Weekly Site Inspection Sheet

Daily Checks | No: | Date week ending ..... | Plant | DEFECT

HEALTH AND SAFETY	Monday ✓/X	Monday Signed	Tuesday ✓/X	Tuesday Signed	Wednesday ✓/X	Wednesday Signed	Thursday ✓/X	Thursday Signed	Friday ✓/X	Friday Signed	Saturday ✓/X	Saturday Signed	Sunday ✓/X	Sunday Signed
All Safety Processes must be checked prior to production commencing to ensure they are SAFE, SECURE and in position														

ENVIRONMENTAL (L = Abnormal Dust (Record Details))		Monday ✓/X	Monday Signed	Tuesday ✓/X	Tuesday Signed	Wednesday ✓/X	Wednesday Signed	Thursday ✓/X	Thursday Signed	Friday ✓/X	Friday Signed	Saturday ✓/X	Saturday Signed	Sunday ✓/X	Sunday Signed
Check aggregate stock is fully within bays	AM														
	PM														
Check quay, yard and structures are free of dust and spillage	AM														
	PM														
Check all dust suppression systems are operation	AM														
	PM														

		Monday Time	Monday Silo	Monday ✓/X INTL	Tuesday Time	Tuesday Silo	Tuesday ✓/X INTL	Wednesday Time	Wednesday Silo	Wednesday ✓/X INTL	Thursday Time	Thursday Silo	Thursday ✓/X INTL	Friday Time	Friday Silo	Friday ✓/X INTL	Saturday Time	Saturday Silo	Saturday ✓/X INTL	Sunday Time	Sunday Silo	Sunday ✓/X INTL
Monitor and record all cementitious deliveries especially within the first and last 5 minutes of discharge	Start																					
	Finish																					
	Start																					
	Finish																					
	Start																					
	Finish																					
Stop IMMEDIATELY if dust is emitted from tanker pipe or silo	Start																					
	Finish																					
	Start																					
	Finish																					
	Start																					
	Finish																					

	Monday AM	Monday PM	Tuesday AM	Tuesday PM	Wednesday AM	Wednesday PM	Thursday AM	Thursday PM	Friday AM	Friday PM	Saturday AM	Saturday PM	Sunday AM	Sunday PM
Wind Direction														
Temperature														

0-Dry 1- Raining V. Visible 2-Snow

Visual Assessment of emissions to Air: 1 - None 2 - Minor (within site boundaries) 3- Major (Outside site boundary/ Inform Management Immediately

	Monday AM	Monday PM	Tuesday AM	Tuesday PM	Wednesday AM	Wednesday PM	Thursday AM	Thursday PM	Friday AM	Friday PM	Saturday AM	Saturday PM	Sunday AM	Sunday PM
Yard														
Conveyors														
Bins & Stocks														
Loading Point														
Roofs and Structures														

QUALITY	Monday ✓/X	Monday INTL	Tuesday ✓/X	Tuesday INTL	Wednesday ✓/X	Wednesday INTL	Thursday ✓/X	Thursday INTL	Friday ✓/X	Friday INTL	Saturday ✓/X	Saturday INTL	Sunday ✓/X	Sunday INTL
Fine aggregate moisture content checked?														
Water content ratio check completed?														
Are all weigh hoppers free standing and fully discharging?														
Lab sieve and curing yard temp checks completed?														

Weekly Checks

HEALTH & SAFETY	✓/X	Day	Time	INTL
Are all pull cords & Emergency stops working effectively?				
Are all interlock / key capture systems working correctly?				
Is all plant lighting operational				
Fire Extinguishers in good repair and serviced within the last 12 months?				

ENVIRONMENTAL	✓/X	Day	Time	INTL
Silo high level Warning system working?				
Pressure relief valves checked cleaned and removed?				
Silo reverse jet filters operational?				
Automatic shut silo shut off valves operational?				
Transfer & discharge socks secure and free from wear?				
Gully's clear and site water free flowing				

QUALITY	✓/X	Day	Time	INTL
All stock bays clearly labelled?				
All aggregate stock bay to silo secure and no cross contamination evident?				
Aggregate storage bins / hoppers labelled correctly?				
Aggregate bin indicator lights working?				
Cement weigh hopper fill or/ breather operational and free from materials				
Silo inlet pipes correctly labelled and locks functional?				

Admix Management: If any admixture has been on stock in excess of 12 months record and contact Management		
Admix Type	Date of last delivery	Confirmed OK to use

Completed by (Name)	
Signature:	
Date:	
Received by Management	
Signature:	
Date:	

DEFECT / DEFECT Action Report

A = Action required when fitter / electrician available

P = Plant operative to action

M = To be monitored

Defect	Reported By	Priority

Defect Action	Reported By	Priority

Items Not Checked	ITEM	REASON NOT CHECKED

Daily Visual Inspections		Monday am 1	Monday am2	Monday pm1	Monday pm2	Tuesday am 1	Tuesday am2	Tuesday pm1	Tuesday pm2	Wednesday am 1	Wednesday am2	Wednesday pm1	Wednesday pm2	Thursday am 1	Thursday am2	Thursday pm1	Thursday pm2	Friday am 1	Friday am2	Friday pm1	Friday pm2	Saturday am 1	Saturday am2
Aggregates in ground storage bays general appearance and uncontaminated	Initials																						
	Comments																						
Visual inspection of yard and plant	Initials																						
	Comments																						
Dampen down yard and Ramp	Initials																						
	Comments																						

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PLANT

DATE

Preventative Maintenance Plant Inspection Report

ITEMS TO BE CHECKED	ACTIONED REQUIRED	Action Taken During Inspection Y/N
1. RECEIVING HOPPER / AGGREGATE WEIGH BINS		
Structurally Sound / Firmly Bolted to the Ground		
Vibration Mounts OK / Evidence of Cracking?		
Skirt Rubber Condition		
Weigh Bins Weighing Freely / Clear of Obstruction?		
Man Grids - In place / Condition / Evidence of Wear?		
2. AGGREGATE BELT / INCLINE BELT		
Safety Guards in Place / Good Condition / Nuts Tight?		
Tail / Head / Snub Drum Condition		
Wing Rollers Condition / Running Freely ?		
Return Rollers Condition / Running Freely ?		
Gearbox and Drive Belts Condition / Oil level Checked?		
Belt Condition		
Condition of Bearings / Grease Pipes		
Slew Tracks / Wheel Condition		
3. AGGREGATE WEIGH HOPPER		
Bin Walls - Evidence of Corrosion / Cracks / Holes / Contamination		
Vibration Mounts OK / Evidence of Cracking?		
Hopper Door - Rams / Pins / Airline / Grease Points		
Weighing Freely / Clear of Obstruction?		
Empting Fully / Evidence of Material Build Up?		
4. AGGREGATE BATCH CONVEYOR (INCLINE)		
Safety Guards in Place / Good Condition / Nuts Tight?		
Tail / Snub Drum Condition		
Wing Rollers Condition / Running Freely ?		
Guide/Return Rollers Condition / Running Freely ?		
Gearbox and Drive Belts Condition / Oil level Checked?		
Belt Condition		
Condition of Bearings / Grease Pipes		
Loading Sock Condition		
Dust Suppression System - Working Effectivily / Heads Clear		
5. WATER SYSTEM		
All Site Water Pumps Operation ?		
Pipie Work Clear / Free From Leaks ?		
Drainage Taps Working Correctly ?		
Recycled Tank Agitator System - Gearbox oil level / Condition		
TASKS CARRIED OUT DURING INSPECTION /COMMENTS		
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ITEMS TO BE CHECKED	ACTIONED REQUIRED	Action Taken During Inspection Y/N
6. CEMENT SCREWS		
Gearbox Condition / Oil Check		
Evidence of Wear to Screws		
Screw Bearing's Condition		
Inspection Hatches Secure / Bolts Tight?		
Transfer Socks - Condition / Secured correctly		
7. CEMENT WEIGH HOPPER		
Reverse Jet Filter Clear / Pulsing / Operating Correctly		
Breather Bag / Pipe Clear ?		
Transfer Sock Condition		
Weighing Freely / Clear of Obstruction ?		
Discharge Butterfly Valve Fully Closing / Evidence of Wear		
Vibrators / Aeration System Condition		
8. COMPRESSOR / AIR LINES		
Radiator Filter Condition / Cleaned ?		
Drainage Valve Condition / Water Drained ?		
Airline Lubrication Pot Full ?		
Air Line Condition / Leaks Evident ?		
General Condition of Compressor		
9. SILO PROTECTION SYSTEM		
Reverse Jet Filter Clear / Pulsing / Operating Correctly		
Pressure Relief Valves Clear / Correctly Seated ?		
Acces Hatch Locked / Mangrid in Place / Sealed Correctly ?		
High Level Warning System Working / Shut Off Valves Activated		
Automatic Shut - Off Valves Operational / Evidence of Wear ?		
10. SITE STRUCTURE		
All Walkways and Handrails secure and in condition ?		
Structural supports free from major corrosion / kinkd ect: ?		
Stock bays walls / supports / sleepers secure / good condition ?		
Fence / Gates secure - in good order		
ITEMS REQUIRING URGENT ATTENTION		
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MICK GEORGE CONCRETE

Emergency Procedure - Dust Emissions

This procedure covers dust emissions other than cement or PFA

* Source of emission to be identified and appropriate action taken to prevent further escape.

* Source areas for escape such as the yard or stockpiles are to be treated with water suppression as deemed appropriate.

* Good housekeeping is to be employed to prevent build up which could lead to dust emissions to the atmosphere.

* Operations Team to be informed of any major dust emissions.

* All emissions to be recorded in Daily Environmental Log including preventative action.

MICK GEORGE ®

Appendix 3

News Release June 17, 2015

MICK GEORGE

News release
June 17, 2015

Mick George fined at lowest possible level due to the professional manner in which they operate and the commendable work they do within the local community

- Judge says Mick George Limited implemented commendable water recirculation system

On Friday 12 June Peterborough Crown Court fined Mick George Limited £20,000 for inadvertently allowing silty water to pollute Thornhaugh Brook due to an unforeseen failure of a float on a pump at Cook's Hole Quarry, Leicester Road, Thornhaugh.

The failure of the float, appended to a pump used in the Company's water recirculation process, on 15 May 2014 resulted in silty water passing down a channel used in connection with the recirculation and then into the local brook within the quarry. This resulted in minor localized effects to the water quality. In sentencing the Judge accepted the Company's submission (as opposed to that of the Environment Agency) that the harm created had a minor localised effect. She also concurred with the Company in stating that silty water was a natural product already within the brook at low levels. The water quality changed from excellent to good for 3 days following the incident.

Notwithstanding the submissions of the Environment Agency the Judge found that Mick George Limited had not acted recklessly and that its water recirculation activities constituted good environmental practice as asserted by Mick George Limited in its evidence and the fine imposed, which was at the lowest level possible having regard to the Judge's findings, was reflective of this. Further the Judge described the water recirculation process which the Environment Agency had described wrongly as illegal as both commendable and laudable in view of its environmental benefits.

Jon Stump, Finance Director at Mick George comments: "As a company we take our environmental responsibility very seriously and we were saddened when we learnt that the malfunction of the float on the pump at Cook's Hole Quarry, Thornhaugh had resulted in the ultimate discharge of silty water off site into the brook. We're extremely sorry that this isolated incident has happened. As a Company we strive to avoid or minimise any damage to the environment arising out of our operations. The ecological benefit of the water recirculation process we operated and our evidence to support that we had acted neither recklessly or

caused significant adverse harm, as was asserted by the Environment Agency was accepted by the Judge and reflected in the sentence.

"We are surprised that the Environment Agency sought to suggest we were acting recklessly or that our water recirculation process involving a channel within our quarry site was in any way illegal (none of which were accepted by the Court to be the case). We were further dismayed that even after sentencing and the Judge's summing up the Environment Agency chose to publish a News Release, which was factually incorrect and entirely misleading and which has resulted in serious ramifications for our business. The fact they subsequently withdrew the News Release reflected their unacceptable behavior.

"Our aim at Mick George is to be a good neighbour and build positive relationships with the people and environment around us. We have an excellent track record of supporting our local community and every year we support a vast range of conservation projects in our area through The Mick George Community Fund. We recently funded the creation of a reed bed at Cow Hollow to encourage biodiversity in the area which shows how important investing in the environment is to Mick George Limited."

ENDS

For further information and high resolution images, please contact:
Stuart Costello on 07469 852 542 stuart.costello@mickgeorge.co.uk

About Mick George:

- Mick George started out with just one tipper truck in 1978 and has grown to become one of the leading suppliers to the construction industry in East Anglia and the East Midlands with a commercial fleet size in excess of 200 HGV vehicles.
- They specialise in bulk excavation, demolition & earthmoving services, ready mixed concrete, a wide range of skip hire and waste management services and aggregate supply.
- Mick George has an extensive network of operating sites across the region including quarries, landfill, transfer stations, concrete batching plants, state-of-the-art recycling centres and soil washing facilities.
- They have recently launched a brand new Trade Waste service for businesses across East Anglia and the East Midlands.
- The rapid growth of Mick George over the years has led to the creation of 100's of new jobs within the local area, and Mick George Ltd now employs over 500 staff.
- The business growth of Mick George has been recognised with a number of awards, including winning the 2015 Cambridge Business Award for Growth and being ranked in the Sunday Times Fast Track 100 league table in 2015.

- One of the company's main priorities is support within the local community. Mick George is heavily involved in sponsorship of both small local sports club, such as St Ives F.C and Park Farm Pumas, as well as much larger sports clubs like Peterborough United and Cambridge United. The company prioritises Involvement in local events, environment and charities, most recently announcing its intention to raise £50,000 for Sue Ryder Thorpe Hall Hospice.
- For further information, please visit: http://www.mickgeorge.co.uk