

PERMIT

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

Permit Reference: B08/17

Huntingdonshire District Council (the regulator) hereby permits Mick George Concrete Ltd 6 Lancaster Way Huntingdon Cambridgeshire PE29 6XU to operate a concrete batching process as defined in Part 2 of Schedule 1 to the EP Regulations Section 3.1 Part B(b), and as described below in accordance with the following conditions which shall apply forthwith.

Address of permitted activity: Mick George Concrete
Brampton East A14 compound
Buckden Road
Brampton
PE28 4NH

Location plan can be seen on B08/17(a) Location plan

Description of Activity

Concrete is produced by mixing aggregates, cement and admixtures together, along with water when it is fed into the loading head and a pan mixer prior to discharge into the mixer lorry.

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

Cement – Delivered to the site by road tankers, cement is 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 atmosphere. The filter is kept clear by a pulse of air which blows accumulated material back into the silo. The silo is fitted with an audible alarm that is activated when cement reaches the predetermined level in the silo. This also activates an indicator light warning the tanker driver that the silo is nearly full.

Admixtures – These liquids are delivered to the site by road tankers. They are non-hazardous and are stored in containers with bunded tanks to prevent any escape from occurring. The bunded area is designed to contain 110% of the volume of the liquid that can be stored in the tank.

Conditions

Emissions and monitoring

	Substance	Source	Emission limits/provisions	Type of monitoring	Monitoring frequency
1	Particulate matter	Whole process	No visible airborne emission to cross the site boundary where harm of nuisance may be caused.	Operator observations	At least daily.
2		Silo inlets and outlets	Designed to emit less than 10mg/m ³	By guarantee supplied by the manufacturer	
3		Silo inlets and outlets	No visible emission	Operator observations	At the time of delivery.

4. Any monitoring display required for compliance with the permit shall be visible to operating staff at all times. Corrective action shall be taken immediately if any periodic monitoring result exceeds a limit, or if there is a malfunction or breakdown of any equipment which might increase emissions. Monitoring shall be undertaken or repeated as soon as possible thereafter and a brief record shall be kept of the main actions taken.
5. All continuous monitors fitted to show compliance with the permit shall be fitted with a visible/audible alarm warning of arrestment failure or malfunction. They shall activate when emissions reach 75% of the relevant emission limit and record automatically each activation.
6. Alarms shall be tested at least once a week.
7. All plant and equipment capable of causing, or preventing, emissions and all monitoring devices shall be calibrated and maintained in accordance with the manufacturer's instructions. Records shall be kept of such maintenance.

Silos

8. Bulk cement shall only be stored within silos.
9. Dust emissions from loading or unloading road tankers shall be minimised by backventing to a delivery tanker fitted with an on-board, truck mounted relief valve and filtration system and by connecting transfer lines first to the delivery inlet point and then to the tanker discharge point, and by ensuring delivery is at a rate which does not pressurise the silo.

10. Silos and bulk containers of dust materials shall not be overfilled and there shall be an overfilling alarm.
11. When loading silos which were new after June 2004, deliveries must automatically stop where overfilling or over-pressurisation is identified.
12. Displaced air from pneumatic transfer shall pass through abatement plant prior to emission to air.

Aggregates delivery and storage

13. Dusty materials (including dusty wastes) shall be stored in dedicated storage areas and shall be subject to suppression and management techniques to minimise dust emissions.

Belt conveying

14. All dusty materials, including wastes, shall be conveyed using fully-enclosed conveyor. All transfer points shall be enclosed.

Loading, unloading and transport

15. No potentially dusty materials (including wastes) or finished products shall arrive on or leave the site other than by use of techniques to prevent dust from escaping off the transport.

Roadways and transportation

16. All areas where there is regular movement of vehicles shall have a consolidated surface capable of being cleaned, and these surfaces shall be kept clean and in good repair.
17. Vehicles shall not track material from the site onto the highway.

Techniques to control fugitive emissions

18. The fabric of process buildings shall be maintained so as to minimise visible dust emissions.

Records and training

19. Written or computer records of all tests and monitoring, including operator inspections, shall be kept by the operator for at least 24 months. They shall be made available for examination by the regulator.

Best Available Techniques

20. The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this permit.

Changes to operations

21. If the operator proposes to make a change in operation of the installation, he must, at least 14 days before making the change, notify the regulator in writing. The notification must contain a description of the proposed change in operation. It is not necessary to make such a notification if an application to vary this permit has been made and the application contains a description of the proposed change. In this condition 'change in operation' means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment.

Signed:

A handwritten signature in black ink, appearing to read 'C. Stopford', followed by a circular stamp or mark.

Head of Community Services

Date:

31 May 2017

GENERAL NOTES

1 Variation

The regulator will ensure that the permit remains up to date in line with the requirements set out in Regulation 20(1). This may involve issuing a Variation Notice following amendment to the Secretary of State's Guidance Notes or following receipt of any direction from the Secretary of State.

2 Review of Conditions

The regulator may at any time undertake a review of the conditions in this permit under Regulation 34(1). Where significant pollution is encountered or where there are changes in BAT or where the operational safety of the activity requires other techniques to be used an immediate review shall be undertaken.

3 Appeal

The permitted operator can appeal in writing to the Secretary of State against the items listed in Regulation 31.

Appeals shall be addressed to:

The Planning Inspectorate
Environment Team, Major & Specialist Casework
Room 4/04 Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol, BS1 6PN

4 Transfer of Permit

The permitted operator who wishes to transfer the whole or part of the permit to a person who proposes to carry out the activity in the holder's place may do so in accordance with Regulation 21. Both the operator and the proposed transferee shall jointly make an application to the regulator to effect the transfer. An application shall include the permit and any fee prescribed in respect of the transfer under Regulation 19 and shall contain the operator's and the proposed transferee's contact details.

5 Variation of Conditions of Permits

Under Regulation 20, the operator may apply to the regulator to vary the conditions contained within the permit. Such application shall be made in accordance with Part 1 of Schedule 5 and shall be accompanied by any fee prescribed in respect of the application under Regulation 19; and paragraphs 8 of Part 1 of Schedule 5 and paragraphs 5(3) and (4) of schedule 5 shall have effect with respect to such applications.

6 Other Legal Requirements

This permit is issued solely for the purpose of the Pollution Prevention and Control Act and its associated Regulations and the operator must ensure that he complies with all other statutory requirements.

7 Annual Subsistence Charge

The Secretary of State has drawn up a charging scheme under Regulation 19. Under this scheme Local Authorities are required to levy an annual subsistence charge related to the permit. The Local Authority will invoice for the amount due which is subject to annual review by the Department of the Environment Food and Rural Affairs.

B08/17(a) Location plan

