

## **BOROUGH OF TAMWORTH**

### **POLLUTION PREVENTION AND CONTROL ACT 1999**

### **ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2016**

## **PERMIT TO OPERATE**

**Permit Reference**


**B09-P02/2017**

**TAMWORTH BOROUGH COUNCIL** (“the Council”) and hereby permit

BREEDON TRADING LTD whose registered office is at:

**BREEDON SOUTHERN LTD, BREEDON QUARRY,  
BREEDON ON THE HILL, DERBY, DE73 8AP**

to carry out a bulk cement process as defined in Part B(b) of Section 3.1; Chapter 3, Part 2 of Schedule 1 of The Environmental Permitting (England and Wales) Regulations 2010 SI 675 (as amended) and described in Section 1 of the attached schedule at **BREEDON SOUTHERN LIMITED, MICA CLOSE, TAMWORTH, B77 4DR** in accordance with the conditions set out in Section 2 of the attached schedule within the process boundary as marked in red on the attached plan shown at Appendix 1.

Signature:  Date: 18<sup>th</sup> August 2017

**Mr Andrew Barratt**  
**Corporate Director – Growth, Assets & Environment**

*The operator's attention is drawn to the following notes.*

## Explanatory Notes

For the purpose of this permit reference has been made to:

The Secretary of States Process Guidance Note - **PG3/01 (12) “Statutory Guidance for blending, packing, loading, unloading and use of cement”** Available at

<http://webarchive.nationalarchives.gov.uk/20141106092320/http://www.defra.gov.uk/industrial-emissions/las-regulations/guidance/>

**Secretary of State’s – General Guidance Manual on Policy and Procedures for A2 and B installations; April 2012.** Available at:

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/611093/General-guidance-manual-a2-and-b-installations-part1.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/611093/General-guidance-manual-a2-and-b-installations-part1.pdf)

## Right to Appeal

You have the right of appeal against this permit within 6 months of the date of the decision. The Council can tell you how to appeal. You will normally be expected to pay your own expenses during an appeal.

You will be liable for prosecution if you fail to comply with the conditions of this permit. If found guilty, the maximum penalty for each offence if prosecuted in a Magistrates Court is a fine and/or 6 months imprisonment. In a Crown Court it is an unlimited fine and/or 5 years imprisonment.

Our enforcement of your permit will be in accordance with the Regulators’ Compliance Code.

## Address for Correspondence

Assets and Environment  
Tamworth Borough Council  
Marmion House  
Lichfield Street  
Tamworth  
Staffordshire  
B79 7BZ

*(Address to which all communications should be sent)*

## **Schedule**

### **Section 1**

#### **Description of Installation:**

The process consists of the batching of fine and coarse aggregates and cementitious material with water and additives into lorry mounted mixers to make ready mixed concrete.

The aggregates are brought on to site by lorry and are tipped direct in to the feed hopper or stored in one of several walled stock bays. The material is transferred from the feed hopper by radial conveyor to five storage bins each of 35 tonnes capacity. A loading shovel is used to move materials from the stock bays to the feed hopper as required.

The aggregates are then gravity fed to the weigh hopper that is located in an enclosed structure below the bins. The weighed material is then transferred to the truck loading point by a further conveyor where it is dropped through a flexible shroud into the lorry mounted mixer.

Cement and ground blast furnace slag is brought to site in bulk tankers and is transferred from them via a flexible hose into storage silos by means of compressed air. The silos are 40 and 17 tonnes capacity and are fitted with Airmaster reverse air jet bag filters to contain the dust which is generated during the filling process.

Cementitious materials are then gravity fed to the weigh hopper that is located in an enclosed structure below the silos before being transferred to a lorry mounted mixer through a flexible shroud.

The maximum design capacity of the plant is approximately 60m<sup>3</sup> of concrete per hour.

## **Section 2**

### **Conditions of Permit**

#### **Emissions and monitoring**

- 1 No visible particulate matter shall be emitted beyond the installation boundary.
- 2 The emission requirements and methods and frequency of monitoring set out in Table 1 shall be complied with.
- 3 All plant and equipment capable of causing, or preventing, emissions and all monitoring devices shall be maintained in accordance with the manufacturer's instructions. Records shall be kept of such maintenance.

#### **Silos**

- 4 Bulk cement shall only be stored within the designated bulk cement silos.
- 5 Dust emissions from loading or unloading road tankers shall be minimised by back-venting 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.
- 6 Silos and bulk containers of dusty materials shall not be overfilled and there shall be an overfilling alarm.
- 7 When loading silos which were new after Jun 2004, deliveries must automatically stop where overfilling or over-pressurisation is identified.
- 8 Displaced air from pneumatic transfer shall pass through abatement plant prior to emission to air.

#### **Aggregates delivery and storage**

- 9 Dusty materials (including dusty wastes) shall only be stored in designated ground storage bays and overhead aggregate bins and shall be subject to suppression and management techniques to minimise dust emissions.

#### **Belt Conveying**

- 10 All dusty materials, including wastes, shall be conveyed using "V" belt conveyors. All transfer points shall be fitted with water suppression.

#### **Loading, unloading and transport**

- 11 No potentially dusty materials (including wastes) or finished products shall arrive on or leave the site other than by use of bulk tankers and covered or sheeted vehicles.

### **Roadways and transportation**

- 12 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.
- 13 Vehicles shall not track material from the site onto the highway.

### **Techniques to control fugitive emissions**

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

### **Records and training**

- 15 Written or computer records of all tests and monitoring shall be kept by the operator for at least 24 months. These, and a copy of all manufacturers' instructions referred to in this permit, shall be made available for examination by the Council. Records shall be kept of operator inspections, including those for visible emissions.
- 16 Staff at all levels shall receive the necessary training and instruction to enable them to comply with the conditions of this permit. Records shall be kept of relevant training undertaken.
- 17 A copy of this Permit must be held on site at all times.

### **Best available techniques**

- 18 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.
- 19 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.

Table 1 – Emission limits, monitoring and related provisions				
Substance	Source	Emission limits / provisions	Type of monitoring	Monitoring frequency
Particulate matter	Whole Process	No visible airborne emission to cross the site boundary where harm or nuisance may be caused	Operator Observations	At least daily
	Silo inlets and outlets <i>(for new silos since 1<sup>st</sup> July 2004)</i>	No visible emission	Operator Observations	At time of delivery
	Silo inlets and outlets			
Only emissions to atmosphere are required to comply with the emission limits within this table				



18<sup>th</sup> August 2017

Signature: ..... Date: .....

**Mr Andrew Barratt**  
**Corporate Director – Growth, Assets & Environment**

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**Appendix A**

**Location Map**

