

Corby Borough Council
Environmental Services
Working towards a Cleaner Environment

ENVIRONMENTAL PERMIT

Environmental Permitting Regulations (England and Wales) 2016

Installation Address

Breedon Southern Ltd
Gretton Brook Road
Corby
Northamptonshire
NN17 2BA

Breedon Southern Limited is hereby permitted by Corby Borough Council to carry on the Blending, Packing, Loading, Unloading and Use of Cement as prescribed in Section 3.1 Part B of the Environmental Permitting (England and Wales) Regulations 2016 as described below and within the installation boundary as marked red on the attached plan and in accordance with the conditions detailed in this Permit.

Signed.......... Date 14th June 2018
Environmental Protection and Private Sector Housing Manager
Authorised Officer of the Council

Contact Details: Environmental Services
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Corby, NN17 1GD

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Permit Holder:	Breedon Southern Ltd
Installation Address:	Gretton Brook Road Corby Northamptonshire NN17 2BA
Registered Address of Company:	Breedon Southern Ltd Breedon Quarry Main Street Breedon on the Hill Derbyshire DE73 8AP
Provenance	Date
Permit 'deemed' application	4 th December 2006
Permit issued	30 th April 2007
Revised permit P36/1	15 th July 2011
Revised permit P36/2	18 th October 2012
Permit transferred	26 th September 2016
Permit simplified in accordance with PG Note 3/01(12)	13 th June 2018

Process Description

The batching of ready mixed concrete, involving the receipt and storage of aggregates, cementitious materials (in silos) and the batching of raw materials and water into trucks. The maximum plant production rate of concrete is 60m³/hour. The plant features cementitious powder storage silos with screw feeders and reverse air jets, aggregate storage bays, aggregate receiving hoppers and a truck mixer loading point.

Conditions

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 4.1 shall be complied with. Sampling shall be representative. 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 in Table 4.1, 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.
3. 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 as per condition 14 of this Permit.

Silos

4. Bulk cement shall only be stored within the bulk cement silos.
5. Dust emissions from loading or unloading road tankers shall be minimised by 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 June 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 bulk storage bins as detailed on the plan attached to this permit and shall be subject to suppression and management techniques, such as dampening, to minimise dust emissions.

Belt conveying

10. All dusty materials, including wastes, shall be conveyed using the fixed, fully enclosed conveyor. All transfer points shall be enclosed in order to minimise the generation of airborne dust.

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 sheeted vehicles or enclosed tankers.

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 dust tight and doors shall be kept closed when not in use and 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 2 years. They, and a copy of all manufacturers' instructions referred to in this permit shall be made available for examination by the Regulator. 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.

Table 1 - Emission limits, monitoring and related provisions

Row	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 or nuisance may be caused	Operator observations	At least daily
		Silo inlets and outlets (for silos new since 1st July 2004)	Designed to emit less than 10mg/m ³	Operator observations	At time of delivery
		Silo inlets and outlets	No visible emission		
		Arrestment equipment, or any point where dust contaminated air is extracted from the process to atmosphere, with exhaust flow >300m ³ /min. (other than silo arrestment plant)	50mg/m ³	Recorded indicative monitoring	Continuous
		Arrestment equipment, or any point where dust contaminated air is extracted from the process to atmosphere, with exhaust flow >100m ³ /min. (other than silo arrestment plant)	No visible emission Arrestment equipment should be provided with a design guarantee that the equipment can meet 50mg/m ³	Indicative monitoring to demonstrate that the arrestment equipment is functioning correctly	Continuous
		Arrestment equipment, or any point where dust contaminated air is extracted from the process to atmosphere, with exhaust flow <100m ³ /min. (other than silo arrestment plant)	No visible emission	Operator observation Or Indicative monitoring	At least daily Or Continuous
2	Droplets, persistent mist and fume	All emissions to air (except steam and condensed water vapour)	No droplets, no persistent mist, no persistent fume	Visual observations	*On start-up and on at least two more occasions during the working day*
Only emissions to atmosphere are required to comply with the emission limits within this table					
Notes:					
All periodic monitoring results shall be checked by the operator on receipt and sent to the Council within 8 weeks of the monitoring being undertaken.					
a) The reference conditions for limits in Table 1 are: 273 1K, 101 3kPa, without correction for water vapour content, unless stated otherwise.					
b) All periodic monitoring shall be representative, and shall use standard methods.					
c) The emission limits do not apply during start-up and shut down. All emissions shall be kept to a minimum during these periods.					

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 £50,000 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.

