

**MANCHESTER CITY COUNCIL  
POLLUTION PREVENTION AND CONTROL ACT 1999  
Environmental Permitting Regulations 2010 (as amended)**

Permit ref. no: PPC/B/CK/002/17

**Name and address of person (A) authorised to operate the installation ('the operator')**

Breedon Southern LTD  
Breedon Quarry  
Breedon on the Hill  
Derby  
DE73 8AP

**Registered number and office of company** 00156531

**Address of permitted installation (B)**

Breedon Southern LTD  
The Railway Sidings  
Leestone Road  
Sharston Industrial Estate  
Manchester  
M22 4RT

The installation boundary and key items of equipment mentioned in permit conditions are shown in the plan attached to this permit.

**Activity description**

The main purpose of the activity at the installation is the storage and distribution of bulk cement and aggregates. This involves the manufacture of ready mixed concrete, which consists of the blending of coarse aggregate, fine aggregate and cementitious material with water. The exact nature of the mix varies according to the type of concrete being produced, which is controlled electronically from the batch control cabin.

The installation includes:

- All raw material storage and handling operations.
- All mixing/batching of concrete.

This permit supersedes all the previously issued permits.

The operator (**A**) is authorised to operate the activity<sup>1</sup> at the installation (**B**) subject to the following conditions.

## **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 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 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.

*Where continuous monitors are fitted to show compliance with a numerical limit in Table 1:* All continuous monitors fitted to show compliance with the permit shall be fitted with a visible or audible alarm warning of arrestment failure or malfunction. They shall activate when emissions reach 75% of the relevant emission limit in Table 1 and record automatically each activation. \*Alarms shall be tested at least once a week.\*

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.\*
4. The operator should keep records of inspections, tests and monitoring, including all non-continuous monitoring, inspections and visual assessments. The records should be:
  - kept on site
  - kept by the operator for at least two years; and
  - made available for the Council to examine

Any historical records kept off site should be made available for inspection within one working week of any request by the regulator.

### Silos where used

5. Bulk cement shall only be stored within the bulk cement silos.
6. Dust emissions from loading or unloading road tankers shall be minimised by venting to suitable arrestment plant i.e. reverse jet filters designed to operate to an emission standard of less than 10mg/m<sup>3</sup>. Also 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.

All filter systems shall be inspected at the frequency given below. If there are signs that emissions have occurred, or defects or significant filter blinding are detected, corrective action shall be taken promptly and wherever possible before another delivery occurs.

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<sup>1</sup> listed in section 1.2 Part B in Part 2 of Schedule 1 to the Environmental Permitting Regulations

<b>Filter cleaning method</b>	<b>Frequency of visual inspection</b>
Filters fitted with reverse jets	At least once a week

7. Silos and bulk containers of dusty materials shall not be overfilled and there shall be an overfilling alarm. The silo content visual alarms shall be inspected and tested on a weekly basis to ensure satisfactory operation. Records of all inspections and maintenance shall be kept in the site logbook. Operators shall record in the logbook all cases where deliveries are made prior to corrective action being taken.

The operator shall instigate a full investigation of the operation of the plant and equipment in the event of any failure of the silo management system (i.e. high level alarms, filters or pressure relief valves)

8. When loading silos which were new after Jun 2004, deliveries must automatically stop where overfilling or over-pressurisation is identified.

9. Displaced air from pneumatic transfer shall pass through abatement plant prior to emission to air.

10. Seating of the pressure relief valves to all silos shall be checked once a week or before a delivery takes place, whichever is the longest interval. Immediately it appears that a valve may have become unseated, delivery shall cease and no further delivery shall take place. The pressure relief device shall be examined to check for defects and re-seated and a replacement fitted if necessary. A record of such inspections shall be kept in the site logbook.

11. Care shall be taken during delivery from the tankers to avoid venting of air silos at a rate which is likely to result in over pressurisation of the silos. Particular problems may arise from the release of air from the tankers at the end of deliveries and care shall, therefore, also be taken to avoid over pressurisation of silos when venting air from tankers at this stage. Tanker drivers shall be informed of the correct procedures to be followed.

12. The integrity of all pipelines, filling socks and other components of the transfer system shall be maintained so as to prevent any leakage of material.

### **Aggregates delivery and storage**

13. Dusty materials (including dusty wastes) shall only be stored in the hoppers as detailed on the plan attached to this permit and shall be subject to suppression and management techniques to minimise dust emissions.

14. Stock shall not be piled higher than the containment walls of storage bays and shall not be forward of the bay.

### **Belt conveying**

15. All dusty materials, including wastes, shall be conveyed using conveyors fitted with sideboards sufficient to provide protection against wind whipping. Top boards or some other barrier may be required if the sideboards are not sufficient to prevent dust emissions. All transfer points shall be enclosed to minimise the release of airbourne dust.

**Loading, unloading and transport**

16. No potentially dusty materials (including wastes) or finished products shall arrive on or leave the site other than by use covered vehicles, rubber sock type chute systems, with additional dust control such as extract ventilation to arrestment plant, enclosures and water sprinklers.

**Roadways and transportation**

17. 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. Quarry haul roads are excluded from this provision.

18. Vehicles shall not track material from the site onto the highway.

**Techniques to control fugitive emissions**

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

**Records and training**

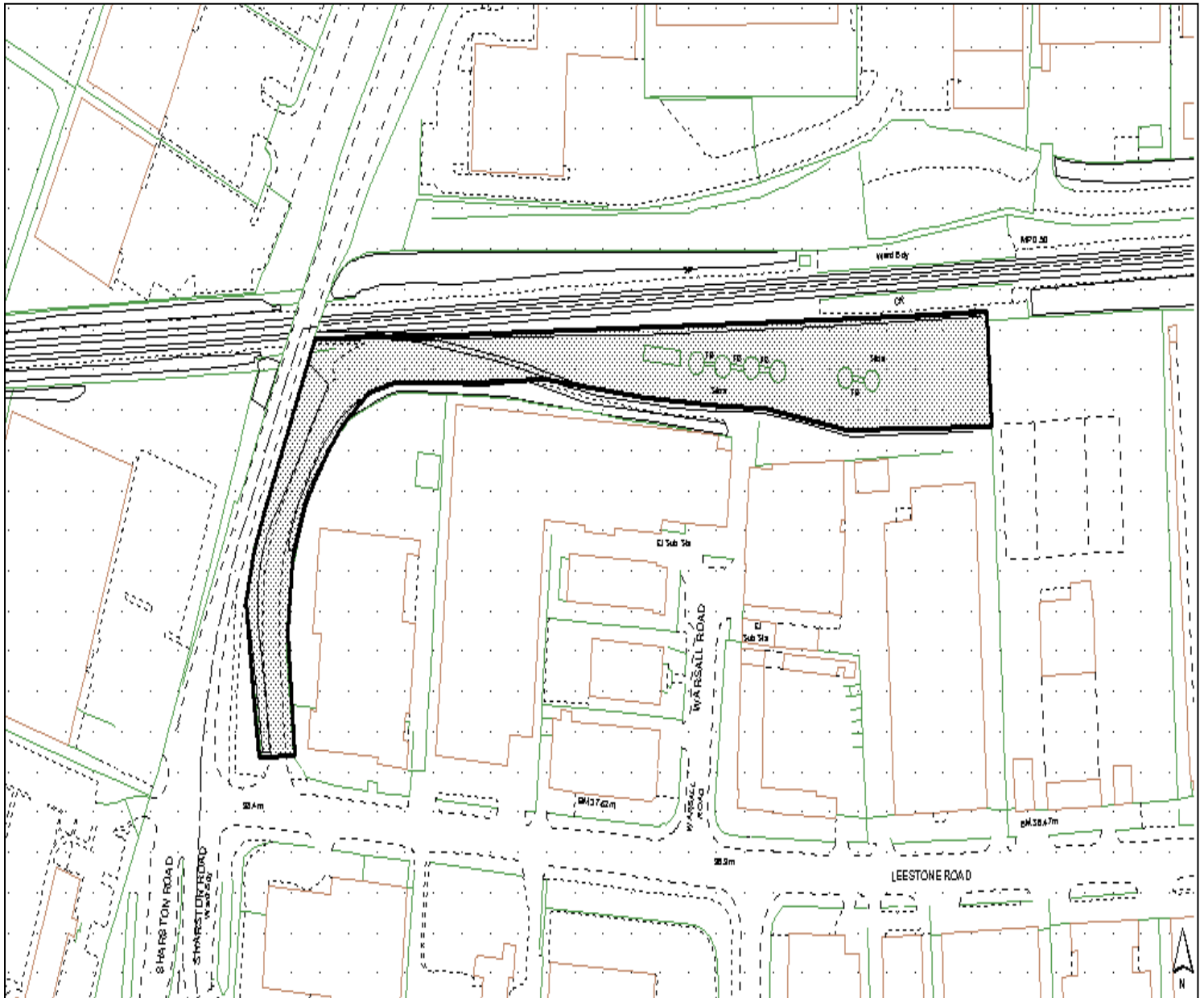
20. Written or computer records of all tests and monitoring shall be kept by the operator for at least 12 months. They and a copy of all manufacturers' instructions referred to in this permit shall be made available for examination by the Council. \*Records shall be kept of operator inspections, including those for visible emissions.\*

21. 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 boundary where harm or nuisance may be caused.	Operator observations	At least daily
		Silos inlets and outlets (for silos new since 1 <sup>st</sup> July 2004)	Designed to emit less than 10mg/m <sup>3</sup>	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 <sup>3</sup> /min (other than silo arrestment plant)	50mg/m <sup>3</sup>	Recorded indicative monitoring	Continuous
				*Isokinetic sampling	At least once to demonstrate compliance, then as necessary to provide a reference for the continuous indicative monitor
		Arrestment equipment, or any point where dust contaminated air is extracted from the process to atmosphere, with exhaust flow >100m <sup>3</sup> /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 <sup>3</sup>	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 <sup>3</sup> /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.					

Map 1: Breedon Southern LTD, Railway Sidings, Sharston Industrial Estate, Leestone Road, Manchester, M22 4RT



## Right to Appeal

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

Anyone who is aggrieved by the conditions attached to a Permit can appeal to the Secretary of State for the Environment, Food and Rural Affairs. Written appeals must be sent to the Secretary of State's delegate (the Planning Inspectorate) no later than six months from the date of issue of the Permit to the following address:

The Planning Inspectorate  
Environment Appeals Administration  
Room 4/19 – Eagle Wing  
Temple Quay House  
1 The Square  
Temple Quay  
Bristol BS1 6PN

The letter of appeal must include the following:

- A statement of the grounds of appeal;
- A statement indicating whether the appellant wishes the appeal to be dealt with by written representations or at a hearing;
- A copy of the relevant application;
- A copy of any relevant Permit;
- A copy of any relevant correspondence between the appellant and the regulator.

At the same time, a copy of the appeal document including the first two items above must be sent to the Council at the following address

Manchester City Council  
Environmental Protection Group  
Regulatory and Enforcement Services  
1 Hammerstone Road  
Gorton  
Manchester M18 8EQ

Contact Officer: C. Kozak  
Telephone Number: 0161 234 1381  
e-mail: [c.kozak@manchester.gov.uk](mailto:c.kozak@manchester.gov.uk)

### **Note:**

An appeal will not suspend the conditions of the Permit from coming into effect. In determining the appeal the Secretary of State, or the Planning Inspector, may direct the Local Authority to vary, remove or add conditions to the Permit and not solely make comment on those conditions that are the subject of the appeal itself.

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](#).