



**POLLUTION PREVENTION AND CONTROL ACT 1999  
ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2010  
(as amended)**

**Permit Number: 3.5/040855/LT4**

**Installation Address:**  
Cemex UK Materials Ltd  
Stevenson Road  
Sheffield  
S9 3XG

**In accordance with Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2010 as amended, Cemex UK Materials Ltd is hereby permitted to operate a scheduled activity at the address detailed above, namely the Coating of Roadstone with Bitumen as described in Schedule 1, Part 2, Chapter 3, Section 3.5, Part B, subsection (e) and subject to the following Permit.**

**Signed**

**Dated this day: 2<sup>nd</sup> December 2015**

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**Environmental Protection Manager  
Authorised by Sheffield City Council to sign on their behalf**

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The Secretary of States Guidance PG 3/15(12) Roadstone Coating Process has provided the framework for the conditions in this Permit. This guidance can be viewed at <http://www.defra.gov.uk/industrial-emissions/las-regulations/guidance/>

**Name & Address of Operator:**

Cemex UK Materials Ltd  
Cemex House  
Coldharbour Lane  
Egham  
Surrey TW20 8TD

Contact - Steve Taylor      Tel: (0114) 256 0497  
   Mobile: 07702 712111  
   Email: [steven.taylor@cemex.com](mailto:steven.taylor@cemex.com)

**Registered Office:**

Cemex UK Materials Ltd  
Cemex House  
Coldharbour Lane  
Egham  
Surrey TW20 8TD

Company registration number: 004895833

**Address of Permitted Installation:**

Cemex UK Materials Ltd  
Stevenson Road  
Sheffield S9 3XG

**Talking to Us**

Any communication with Sheffield City Council should be made to the following address quoting the Permit Number:

Environmental Protection Service  
Sheffield City Council  
5<sup>th</sup> Floor (North)  
Howden House  
1 Union Street  
Sheffield  
S1 2SH

Alternatively Email: [ippc@sheffield.gov.uk](mailto:ippc@sheffield.gov.uk)  
Telephone: (0114) 273 4651

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**Explanatory Note to Pollution Prevention and Control Permit for Part B  
Installations  
(This note does not form a part of the Permit)**

The following Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 20 as amended, (“the EP Regulations”) to operate an installation carrying out activities covered by the description in Part 2, Chapter 3, Section 3.5, Part B, subsection (e) of Schedule 1 of those Regulations, to the extent authorised by the Permit:

**Process Changes**

Under the provisions of the EP Regulations, you are required to notify the Council of any proposed change in operation at least 14 days before making the change. This must be in writing and must contain a full description of the proposed change in operation and the likely consequences. Failure to do so is an offence.

If you consider that a proposed change could result in the breach of the existing Permit conditions or is likely to require the variation of Permit conditions then you may apply in writing under Regulation 20(1) of the EP Regulations. Additionally, if this involves a SUBSTANTIAL CHANGE to the installation you will be required to submit an application, pay the relevant fee and advertise the application accordingly. You may serve a Notice on the Council requesting that they determine whether any change that is proposed would constitute a substantial change before you proceed with application.

**Variations to the Permit**

The Permit may be varied in the future (by the Council serving a Variation Notice on the Operator). If the Operator itself wants any of the Conditions of the Permit to be changed, a formal Application must be submitted.

**Surrender of the Permit**

Where the Operator of a Part B installation or mobile plant ceases or intends to cease the operation of the activity the Operator may notify the Regulator of the surrender of the whole Permit, in any other case, notify the Regulator of the surrender of the Permit in so far as it authorises the operation of the installation or mobile plant which he/she has ceased or intends to cease operating. The notification shall contain information as described in Regulation 24 or 25 of the EP Regulations.

**Transfer of the Permit or Part of the Permit**

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 21 of the EP Regulations. A transfer will be allowed unless Sheffield City Council considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit.

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## **Annual Subsistence Fee**

In accordance with the EP Regulations, the holder of a Permit is required to pay a fee for the subsistence of the Permit. This fee is payable annually on 1st April. You are advised that under the provisions of Regulation 65 (5) of the EP Regulations, if you fail to pay the fee due promptly, Sheffield City Council may revoke the Permit. You will be contacted separately each year in respect to this payment.

## **Public Register**

The Council is required by Regulation 46 of the EP Regulations to maintain a Public Register containing information on all LAPPC installations and mobile plant. The register is available for inspection by the public free of charge during office hours (Monday to Friday 9.00 am to 5.00 pm) at the following address:

Environmental Protection Service  
Sheffield City Council  
2-10 Carbrook Hall Road  
Carbrook  
Sheffield  
S9 2DB  
Tel: 0114 273 4651

## **Confidentiality**

Sheffield City Council has a duty to consider the question of confidentiality of information supplied to it. If any information supplied is considered confidential, a statement of which information this applies to and the reasons why it is considered confidential should be specified. The Operator is reminded that he may apply to Sheffield City Council for the exclusion of information from the public register under the provisions of the Environmental Permitting (England and Wales) Regulations 2010 as amended.

## **Appeals**

Under Regulation 31 of the EP Regulations operators have the right of appeal against the conditions attached to their Permit. Schedule 6 of the EP Regulations sets out the detailed procedures.

Appeals against a Variation Notice do not have the effect of suspending the operation of the Notice. Appeals do not have the effect of suspending Permit conditions.

Notice of appeal against the conditions attached to the Permit must be given within six months of the date of the Notice, which is the subject matter of the appeal.

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## How to Appeal

There are no forms or charges for appealing. However, for an appeal to be valid, appellants (the person/Operator making the appeal) are legally required to provide:

- Written notice of the appeal;
- A statement of the grounds of appeal;
- A statement indicating whether the appellant wishes the appeal to be dealt with by written representations procedure or a hearing - a hearing must be held if either the appellant or enforcing authority requests this, or if the Planning Inspector or the Secretary of State decides to hold one.
- (Appellants must copy the above three items to the local authority when the appeal is made)
- A copy of any relevant application;
- A copy of any relevant Permit;
- A copy of any relevant correspondence between the appellant and the Regulator; and
- A copy of any decision or notice, which is the subject matter of the appeal.

## Where to Send Your Appeal Documents

Appeals should be addressed to:

**The Planning Inspectorate  
Environmental Appeals Administration  
Room 4/19 - Eagle Wing  
Temple Quay House  
2 The Square  
Temple Quay  
Bristol BS1 6PN**

In the course of an Appeal process the main parties will be informed of procedural steps by the Planning Inspectorate.

To withdraw an appeal the appellant must notify the Planning Inspectorate in writing and copy the notification to the local authority.

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## Definitions

In relation to this Permit, the following expressions shall have the following meanings:

*“Application”* means the application for this Permit, together with any response to a notice served under Schedule 4 to the EPR Regulations and any operational change agreed under the conditions of this Permit.

*“EPR Regulations”* means the Environmental Permitting (England and Wales) Regulations S.I.2010 No. 675 (as amended) and words and expressions defined in the EPR Regulations shall have the same meanings when used in this Permit save to the extent they are explicitly defined in this Permit.

*“Permitted Installation”* means the activities and the limits to those activities described in this Permit.

*“Monitoring”* includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.

*“Regulator”* means any officer of Sheffield City Council who is authorised under section 108(1) of the Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in Section 108(1) of that Act.

*“BAT”* means the most effective and advanced stage in the development of activities and their methods of operation which indicates the practical suitability of particular techniques for providing in principle the bases for emission limit values designed to prevent, and where that is not practical, generally to reduce emissions and the impact on the environment as a whole. For those purposes:

*“available techniques”* means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the cost and advantages, whether or not the techniques are used or produced inside the United Kingdom, as long as they are reasonably accessible to the Operator;

*“best”* means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole; *“techniques”* include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned. Schedule 2 of the Regulations shall have effect in relation to the determination of best available techniques, and;

*“Fugitive Emission”* means an emission to air from the permitted installation that is not controlled by an emission limit imposed by a condition of this Permit. Where any condition of this Permit refers to the whole or parts of different documents, in the event of any conflict between the wording of such documents, the document with the most recent publication date shall be taken to be the most appropriate document to be used.

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## Description of Activities

The production of up to 200 tonnes per day of coated macadam utilising a Dawson Fawcett DF 60/80 asphalt plant incorporating a rotating drier served by a burner with a net rated thermal input of 4.6MW. The plant may be fuelled by natural gas or fired with gas oil which conforms to BS 2869:2006 Classes A2 & D or processed fuel oils derived from waste lubricating oil, clean fuel oil, which conform to BS 2869:2006 Classes E-G and kerosene which conforms to BS 2869:2006 Class C2. The Permit covers all ancillary operations such as the delivery of materials by road and rail, storage of raw materials, loading of aggregate into the plant and the storage and dispatch of wastes and final products as carried out within the process boundary marked in red on the plan shown in Schedule 2 to this Permit.



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The Operator, Cemex UK Material Ltd, is permitted to operate the activity at the installation, Stevenson Road, subject to the following conditions.

## Conditions

The following conditions shall be complied with immediately unless otherwise stated.

### Section 1 - Upgrading

1.1 There are currently no works of upgrading required by this Permit.

### Section 2 - Emissions and monitoring

- 2.1 No visible particulate matter shall be emitted beyond the installation boundary.
- 2.2 The emission requirements and methods and frequency of monitoring set out in Schedule 1 (Table 1: Emission limits, monitoring and other provisions) shall be complied with. Sampling shall be representative. ***(In this installation there are no continuous monitoring checks for filter leak. An alternative agreed method is carried out detailed under condition 2.4).***
- 2.3 The Operator shall keep records of inspections, tests and monitoring, including all non-continuous monitoring, inspections and visual assessments. The records shall be:
- kept on site;
  - kept by the Operator for at least two years; **and**
  - made available for officers of Sheffield City Council's Environmental Protection Service to examine.
- 2.4 The read out from the differential pressure gauge shall be continuously on display and available to appropriately trained members of staff. Daily checks shall be made and any adverse results shall be recorded and investigated in accordance with Condition 2.8 of this Permit.
- 2.5 All plant and equipment capable of causing or preventing emissions and all monitoring devices shall be calibrated and maintained in accordance with CEMEX maintenance inspection schemes in the Maintenance Recording Logbook. Records shall be kept of such maintenance.
- 2.6 The Operator shall notify Sheffield City Council's Environmental Protection Service at least 7 days before any periodic monitoring exercise to determine compliance with emission limit values. The Operator shall state the provisional time and date of monitoring, pollutants to be tested and the methods to be used.
- 2.7 The results of non-continuous emission testing shall be forwarded to Sheffield City Council's Environmental Protection Service within 8 weeks of completion of the sampling.

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**2.8** Adverse results from any monitoring activity (both continuous and Non-continuous) shall be investigated by the Operator as soon as the monitoring data has been obtained. The Operator shall:

- identify the cause and take corrective action;
- clearly record as much detail as possible regarding the cause and extent of the problem, and the remedial action taken;
- re-test to demonstrate compliance as soon as possible; **and** inform Sheffield City Council's Environmental Protection Service of the steps taken and the re-test results.

### **Section 3 – Recycling asphalt containing coal tar**

**3.1** Recycled asphalt pavement containing coal tar shall be:

- identified, and stored separately from other recycled asphalt;
- processed only using cold methods.

### **Section 4 - Silos**

**4.1** Fillers and bitumen shall only be stored within the filler and bitumen silos.

### **Section 5 - Aggregates delivery and storage**

**5.1** Dusty materials (including dusty wastes) shall only be stored in bays as detailed on the installation layout plan (shown in Schedule 4 to this Permit) and shall be subject to suppression and management techniques to minimise dust emissions.

**5.2** No material with the potential to generate airborne dust emissions shall be stored outside in the open except for:

- material that has been screened to remove material with a particle size 3mm and under;
- sand;
- washed fines;
- scalpings;
- materials used for road sub bases that has been conditioned before deposition.

**5.3** All feed hoppers containing potentially dusty materials shall be located within a structure consisting of at least three walls and a roof.

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## **Section 6 - Belt conveying**

- 6.1** Where dusty materials are conveyed, the conveyor and any transfer points shall be enclosed to such an extent as to minimise the generation of airborne dust.
- 6.2** Conveyors shall be fitted with effective means for keeping the return belt clean and for collecting materials removed by this cleaning operation. For example, belt scrapers fitted at all head drum returns and catch plates fitted to contain falling dust.

## **Section 7- Loading, unloading and transportation**

- 7.1** Where road vehicles are used to transport potentially dusty materials, they shall be sheeted or otherwise totally enclosed as soon as possible after loading and before leaving the site. Potentially dusty materials imported by road shall be brought onto site in sheeted vehicles.
- 7.2** Mineral loads from the quarry in Dove Holes, Derbyshire shall be delivered to site in accordance with the Transportation Method Statement in Schedule 5 . Mineral loads transported in open box wagons by rail shall be dampened with water prior to departure (from Dove Holes). Loads shall be dampened following delivery on site prior to movement from the unloading area to the storage bays. This shall be carried out in accordance with the Cemex Environmental Work Instruction (Env12) Dust Prevention Processing Handling & Storage, a copy of which shall be kept on site and made available to the authorised officer of Sheffield City Council upon request.

## **Section 8 - Roadways**

- 8.1** 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.
- 8.2** Vehicles shall not track material from the site onto the highway. Where necessary, to prevent visible dust being carried off site, wheel cleaning facilities shall be provided and used by vehicles before leaving the site.

## **Section 9 - Techniques to control fugitive emissions**

- 9.1** All process buildings including semi-enclosed mixing buildings shall be maintained so as to minimise visible dust emissions.
- 9.2** All process buildings shall be cleaned as required, to minimise fugitive emissions.

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- 9.3** Dusty wastes shall be stored in bays or closed containers and handled in a manner that avoids emissions of dust.
- 9.4** All spillages which may give rise to dust emissions shall be cleaned up promptly, normally by wet handling methods. Dry handling of dusty spillages shall not be permitted other than in fully enclosed buildings. (N.B. Dry handling of dusty spillages within fully enclosed buildings may not be acceptable under COSHH.) In the event of a major spillage it shall be dealt with on the same day that it occurs, and measures to minimise emissions, such as wetting the surface to create a crust, shall be taken immediately.

## **Section 10 - Records and training**

- 10.1** 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 manufacturer's instructions, referred to in this Permit shall be made available for examination by officers of Sheffield City Council's Environmental Protection Service. Records shall be kept of Operator inspections, including those for visible and odorous emissions.
- 10.2** All staff whose functions could impact on air emissions from the activity shall receive appropriate training on those functions. This shall include:
- awareness of their responsibilities under the Permit;
  - steps that are necessary to minimise emissions during start-up and shutdown;
  - actions to take when there are abnormal conditions, or accidents or spillages that could, if not controlled, result in emissions.

## **Section 11 - Best available techniques**

- 11.1** 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.

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## Section 12 - Process Changes

- 12.1** The Operator shall notify Sheffield City Council's Environmental Protection Service of any proposed operational changes including any alterations to the process involving the provision of new plant or equipment which may affect emissions or have consequences for the environment. The information shall be submitted at least 14 days before the changes take place.
- 12.2** The Operator shall give written notification to Sheffield City Council's Environmental Protection Service in the following instances;
- a. Permanent cessation of the operation of any part of, or all of the permitted installation;
  - b. Cessation of the operation of any part of, or all of the permitted installation for a period, likely to exceed 1 year;
  - c. Resumption of the operation of any part of, or all of the permitted installation after a cessation notified under (b) above.

### **Please Note**

Where complaint is attributable to the operation of the installation and is, in the opinion of the Local Authority, justified, or if new knowledge develops on the potential for harmful effects from emissions, an immediate review of the Permit shall be undertaken. The Local Authority shall subsequently specify any new requirements and compliance time scales.

An annual subsistence fee as prescribed by the Secretary of State for the Environment shall be payable, for this Permit, by the process Operator, to this Authority within 2 weeks of the 1<sup>st</sup> April of each year.

In the event that the Permit has been issued after the 1<sup>st</sup> April in the initial year then the subsistence fee shall be pro rata for the complete months remaining and shall be due within 2 weeks of the Permit issue date.

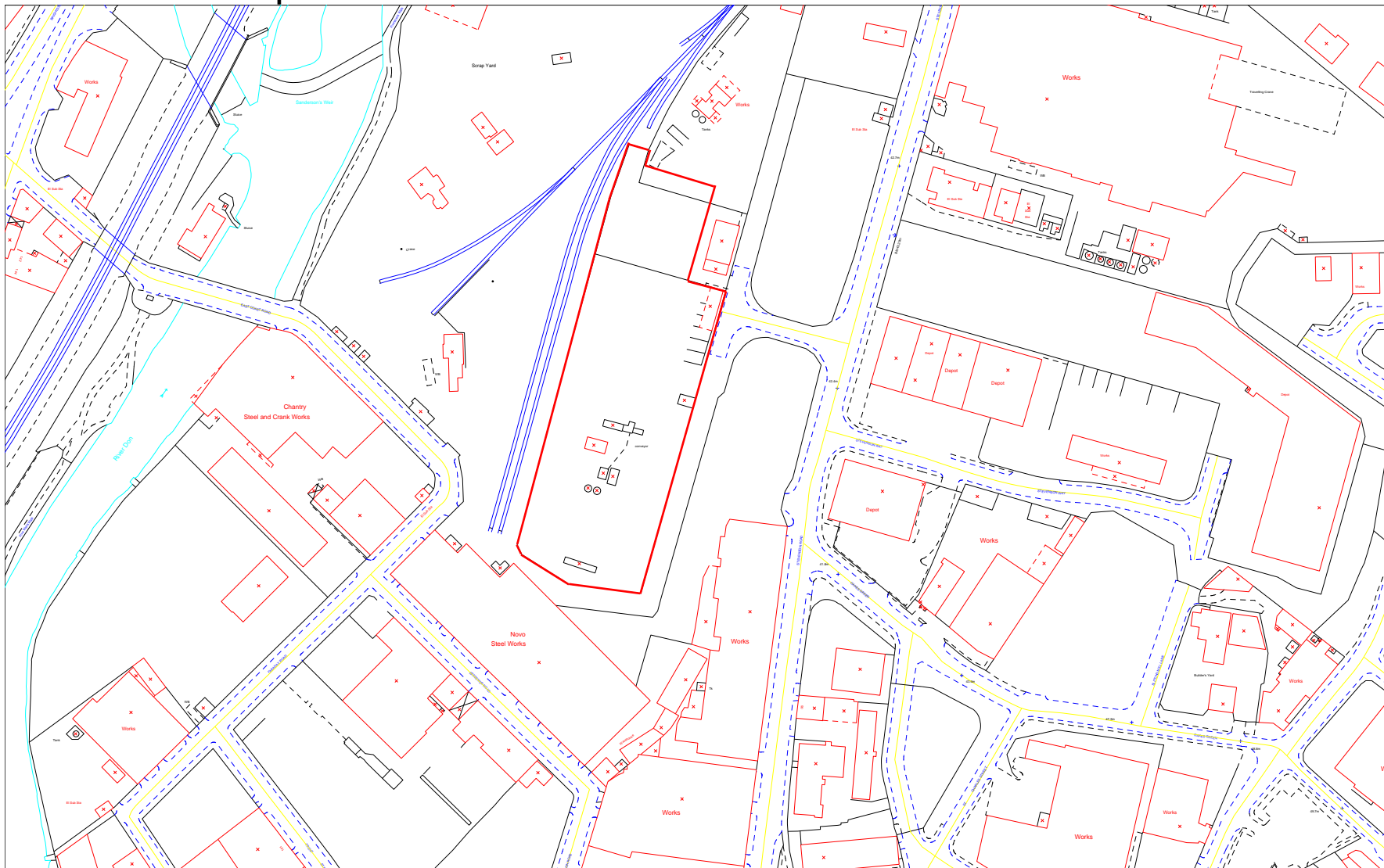
If the relevant payment is not received by Sheffield City Council's Environmental Protection Service then Permit revocation procedures shall be initiated in accordance with Regulation 22 of the Environmental Permitting (England & Wales) Regulations 2010 or any statutory re-enactment of the same.

This Permit is issued under the Pollution Prevention and Control Act 1999. The responsibility for health, safety and welfare in the workplace remain in force. This Permit does not detract from any other statutory requirement such as any need to obtain planning permission, hazardous substances consent, consent or exemption from the Environment Agency, building regulation requirements or a waste disposal licence. The requirements of this Permit are not to be taken as planning permission. Where any structural alterations are necessary to ensure compliance with this Permit then the normal planning channels should be followed.

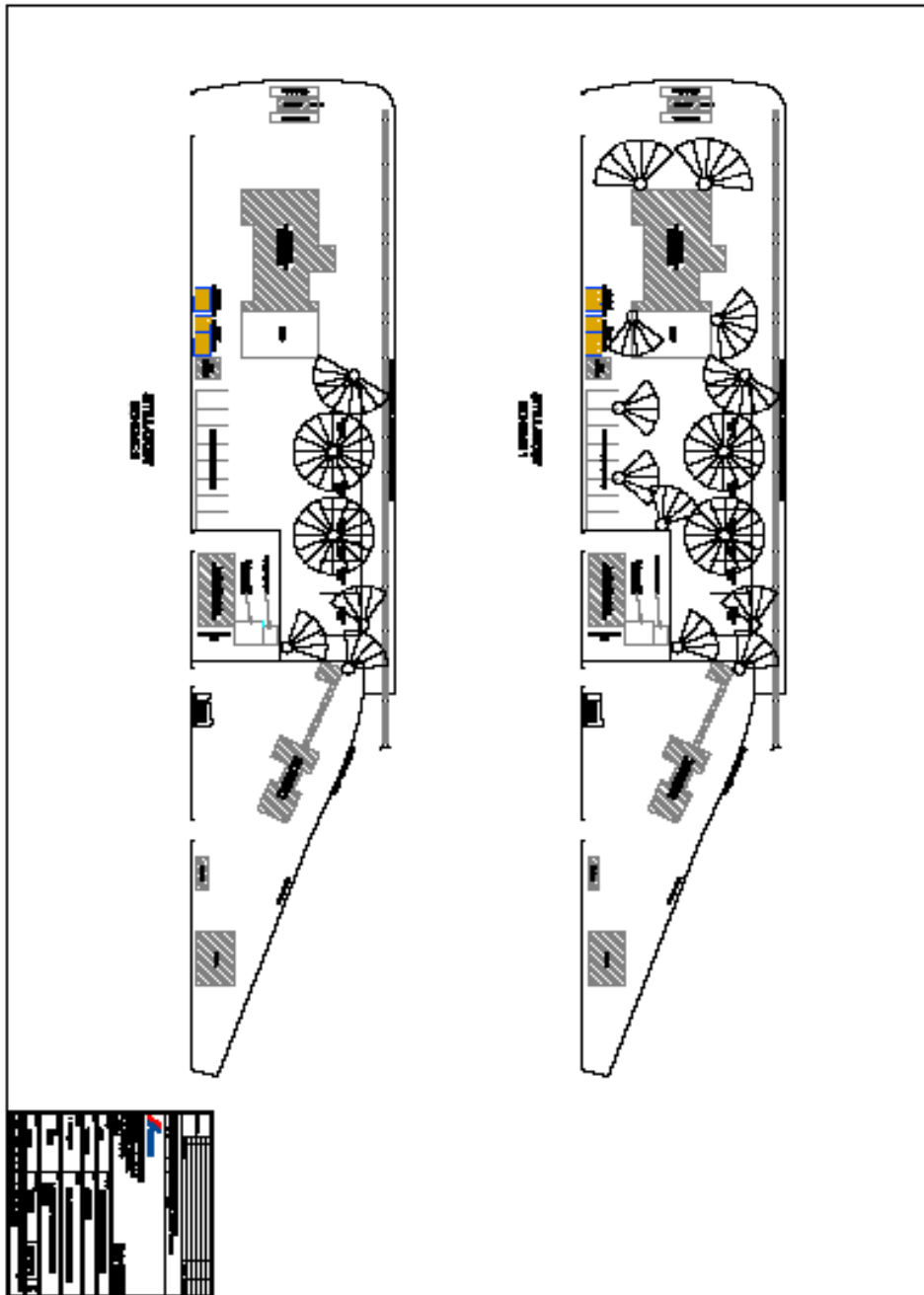
## Schedule 1 – Table 1: Emission limits, monitoring and other provisions

Table 1 - Emission limits, monitoring and other provisions					
Row	Substance	Source	Emission limits / provisions	Type of monitoring	Monitoring frequency
<b>Whole site and all authorised emission points</b>					
1	Visible emissions	Site	No visible emissions to cross site boundary	Operator observations	Once a day
2	Visible emission	All authorised emission points	No abnormal emission	Operator observations	On start-up and on at least two more occasions during the working day
3	Droplets, persistent mist, fume and smoke	All emissions to air (except steam and condensed water vapour)	No droplets, no persistent mist, no persistent fume, No visible smoke except during start up of coating plant and then no darker than Ringelmann 1	Visual observations	
<b>Roadstone coating plant</b>					
4	Particulate matter	Roadstone coating plant existing at 1 July 2004, except where new or replacement arrestment equipment is fitted	Where currently achieved: 50 mg/m <sup>3</sup> Where 50 mg/m <sup>3</sup> currently achieved, but only inconsistently: 100 mg/m <sup>3</sup> PLUS efforts should be made to improve consistency. Where 50 mg/m <sup>3</sup> currently not achieved: 100 mg/m <sup>3</sup>	EITHER: Periodic, quantitative, 6 monthly  OR: Periodic, quantitative, annual monitoring; plus continuously recorded filter leak monitoring	
5	Particulate matter	Since 1 July 2004: new roadstone coating plant, and roadstone coating plant with new or replacement arrestment equipment	50 mg/m <sup>3</sup>		
6	Sulphur dioxide	All activities using heavy fuel oil or other residual type/comparable <a href="#">Quality Protocol Processed Fuel Oil</a>	1% wt/wt sulphur in fuel	Sulphur content of fuel is regulated under the Sulphur Content of Liquid Fuels Regulations	
7	Sulphur dioxide	All activities using gas oil/comparable <a href="#">Quality Protocol Processed Fuel Oil</a>	0.1% wt/wt sulphur in fuel	Sulphur content of fuel is regulated under the Sulphur Content of Liquid Fuels Regulations	
Activities burning bio-fuels should have a limit set for sulphur in fuel Activities burning waste oil not covered by the <a href="#">quality protocol processed fuel oil</a> must comply with the Waste Incineration Directive (WID).					
<b>Silos</b>					
8	Particulate matter	Silo inlets and outlets	Designed to emit less than 10mg/m <sup>3</sup>  No visible emission	Operator/driver observations Record start and finish times	Every delivery
<b>Arrestment plant not serving silos or roadstone coating plant</b>					
9	Particulate matter	Arrestment equipment with exhaust flow > 300 m <sup>3</sup> /min: (see note a)	Designed to achieve 50 mg/m <sup>3</sup>	Recorded filter leak monitoring	Continuous
10	Particulate matter	Arrestment equipment with exhaust flow > 100 m <sup>3</sup> /min: (see note a)	Designed to achieve 50 mg/m <sup>3</sup>	Filter leak monitoring to demonstrate that the arrestment equipment is functioning correctly	Continuous

## Schedule 2 – Location plan



Schedule 3 – Installation layout showing dust suppression





# Schedule 4 – Installation layout



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## Schedule 5 -Transportation Method Statement

### **LOCAL ASPHALT SHEFFIELD** **AGGREGATE DELIVERY PROCEDURE BY TRAIN**

#### **Procedures at Source Site**

- All the materials delivered by train come from CEMEX Dove Holes quarry in Buxton, Derbyshire. The traveling time to Sheffield occurs at night and takes approximately one hour and 30 minutes.
- The material is quarried and processed into either single sizes, combined together to produce a specific blend or made into a continuously graded materials ( eg MOT type 1). This material is stored either outside or in loading bins.
- Material from the stockpiles on site are transferred onto a loading belt by loading shovel which deposits materials into the Box Wagons (these do not have a cover or hopper doors so they are open to the elements).
- As the material travels along the belt it is weighed to ensure the correct weight for the wagon is observed as well as being sprayed with water to prevent emissions of dust to the atmosphere and is loaded under the cover of a building.

#### **Procedures at Site Installation**

- Following delivery to site the material is unloaded in accordance with the agreed offloading procedure with the delivery company (DB Schenker Safe System version 5a) and the offloading company Rail Freight Services), a copy of this procedure entitled Joint Safe System of Working for E.M.R. & Cemex Attercliffe - Private Sidings) shall be held on site and available for inspection by an authorised officer of Sheffield City Council's Environmental Protection Service on request.
- Water sprays are used to dampen the material during the day using our comprehensive dust suppression system as illustrated in Schedule 3 and described in the Cemex Environmental Work Instruction (Env12) Dust Prevention Processing Handling & Storage, a copy of which shall be kept on site and made available to the authorised officer of Sheffield City Council's Environmental Protection Service upon request.