

CALDERDALE METROPOLITAN BOROUGH COUNCIL
THE POLLUTION PREVENTION AND CONTROL ACT 1999
Environmental Permitting Regulations 2010 (as amended)

Permit reference: EPR/121

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

Cemex UK Materials Limited
Cemex House
Coldharbour Lane
Thorpe, Egham
Surrey TW20 8TD

Registered number of company: 4895833

Address of permitted installation (B)

Cemex Concrete Batching Plant
Charlestown Road
Halifax
HX3 9XQ

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

Activity description Aggregates are delivered to site and stored in walled bays (WB). Water suppression is used in this part of the site during dry periods.

Cement is pumped from road tankers into two silos (S1, S2) which are both fitted with reverse jet filters and high level alarms.

The aggregates are transferred to weigh hoppers, and cement is transferred by enclosed screw conveyors to the process building (PB), before the mixed concrete is dropped into road vehicles through a chute.

The operator (**A**) is authorised to operate the activity¹ at the installation (**B**) subject to the following conditions.

Signed:..... **Date:**.....
Mark Thompson
Head of Housing, Environment and Renewal

¹ listed in Section 3.1 Part B(b) in Part 2 of Schedule 1 to the Environmental Permitting Regulations

Permit 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.
3. All plant and equipment capable of causing, or preventing, emissions shall be maintained in accordance with the manufacturer's instructions.

Silos

4. Bulk cement and other bulk cementitious material shall only be stored within silo compartments S1 and S2.
5. 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, 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 shall not be overfilled and there shall be an overfilling alarm on each silo compartment.
7. Displaced air from pneumatic transfer shall pass through the silo-top reverse jet filters prior to emission to air.

Aggregates delivery and storage

8. Dusty materials other than bulk cementitious material shall only be stored in the walled bays (WB) as detailed on the plan attached to this permit and shall be subject to suppression and management techniques to minimise dust emissions.

Belt conveying

9. All dusty materials other than bulk cementitious material, shall be conveyed in such a way as to minimise dust generation, and conveyors shall be enclosed to the extent required to achieve this.

Loading, unloading and transport

10. No potentially dusty materials (including wastes) shall arrive on or leave the site other than in vehicles with suitable containment and enclosure to prevent the generation of dust during transport.

Roadways and transportation

11. 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.
12. Vehicles shall not track material from the site onto the highway.

Techniques to control fugitive emissions

13. The fabric of process building (PB) shall be maintained dust tight and doors shall be kept closed except for access.

Records and training

14. Written or computer records of all tests and monitoring shall be kept by the operator for at least 12 months. They shall be made available for examination by the Council. Records shall be kept of operator inspections, including those for visible emissions.
15. 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.

End of permit conditions

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 (<i>for silos new since 1st July 2004</i>)	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
				*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 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*

Greyed-out rows not applicable

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.

Notes

The following two conditions are implied in all permits which transferred automatically into the environmental permitting regime by virtue of regulation 69(6) of the 2007 Regulations and regulation 108(4) of the 2010 Regulations.

I1 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.

I2 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.

Contacting Calderdale Council

All enquiries and notifications required in relation to this Permit should be made to:

Calderdale Metropolitan Borough Council
Housing and Environment Service
Environmental Health
Northgate House
Halifax
HX1 1UN

Tel: 01422 392373

Fax: 01422 392399

Email: environmental.health@calderdale.gov.uk

Incidents occurring outside office hours must be reported on the next working day unless otherwise directed within the Permit or there is an imminent risk to health which shall be reported immediately by telephoning **08451 111 137** and asking for the Out of Hours Officer.

Penalties and enforcement

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 and the Council's enforcement policy, which can be found at

<http://www.calderdale.gov.uk/environment/environmental-health/policy/index.html>