



CHARNWOOD BOROUGH COUNCIL

POLLUTION PREVENTION AND CONTROL ACT 1999

**ENVIRONMENTAL PERMITTING (ENGLAND AND WALES)
REGULATIONS 2010 (as amended)**

PERMIT REF. NO.145

Charnwood Borough Council hereby permits, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010 (as amended)

Mixco Concrete Limited

whose registered office is:

C/O Brooks & Co, 9a Leicester Road, Blaby, Leicestershire LE8 4GR

To manufacture ready mixed concrete involving the blending and use of bulk cement at:

Granite Way Batching Plant, Granite Way, Mountsorrel, Leicestershire LE12 7TZ

subject to the conditions outlined in this document. The conditions contained herein shall apply from the date of the Permit unless otherwise stated.

Name	Date
Beverley Green	1 October 2015

Authorised on behalf of Charnwood Borough Council

Permit issued by:

Regulatory Services, Environmental Protection Southfields, Southfields Road, Loughborough, Leicestershire LE11 2TX

Introductory note

The following Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010, as amended (SI 2010/675) (“the EP Regulations”) to operate an installation carrying out one or more of the activities listed in Part 2 of Schedule 1 of the EP Regulations, to the extent authorised by the Permit:

Section 3.1, Part B (b)

"Any activity of blending cement in bulk or using cement in bulk other than at a construction site, including the bagging of cement and cement mixtures, the batching of ready-mixed concrete and the manufacture of concrete blocks and other cement products".

Status Log

Detail	Date	Comment
Permit Application	16 December 2010	Duly made
Permit determined	1 May 2011	Permit issued
Variation Notice	1 October 2015	Consolidated permit to include second batching plant

Origins of the conditions contained in the permit

The Secretary of State has issued various guidance notes to local authorities to assist with determining those conditions which represent ‘best available technique’ in the different circumstances which apply to each installation. The conditions within this permit have been derived from the following guidance note:

PG 3/01(12) Statutory Guidance for Blending, Packing, Loading, Unloading and Use of Bulk Cement

PROCESS DESCRIPTION

The permitted activity involves the blending, loading and use of bulk cement at two ultra-low level dry batching plants.

The first plant consists of 3 ground aggregate storage bays, a ramp to the aggregate feed hopper with a conveyor linked to storage bins, 2 x 60 tonne silo for cement powder storage and two water tanks.

The second plant (a SAMI Tecno 4) consists of 4 aggregate storage bays, ramp, conveyor and 2 x 60 tonne silos for cement powder storage.

Aggregates are delivered in bulk by lorry and tipped and stored in the ground aggregate storage bays. Water dampening is applied to condition stockpiles prior to and during unloading, unless they are already moist on arrival at the site, by means of water sprays directed into the stockpiles. Unloading drop heights are also minimised to prevent entrainment of pollutant emissions into the atmosphere.

Cementitious powder is delivered in sealed road tankers and discharged by air pressure directly into the sealed storage silos. The silos are fitted with reverse air jet filters to restrict any particulate emissions while allowing pressurised air to be released.

Aggregates are transferred into the feed hoppers by a mechanical loading shovel and an enclosed conveyor transports aggregate from the feed hoppers into one of the sealed pan mixers.

Cementitious materials are added to the pan mixers via closed screw conveyors.

Mixed material is discharged into the back of delivery vehicles as a dry mixture. The discharge into vehicles is facilitated by a rubber sock to prevent spillages. A water spray ring in the load out areas is operated whenever dry batching takes place.

The cement batching activities regulated under this permit incorporates:

- The storage of raw materials, (namely sand, aggregate, cement, PFA),
- The transportation and loading/unloading of these materials,
- The mixing and batching of these materials,
- The storage and disposal of any waste arising from the activity,
- Any plant, machinery or equipment designed to prevent pollutant emissions to the environment.

Principle Emissions

Table A below identifies the emission sources that discharge to atmosphere.

Table A- Emission sources	
Emission Point	Emissions
1. Bulk cement silos	Particulates
2. PFA silo	Particulates
3. External fugitive sources such as: I. storage bays, II. feed hoppers, III. conveyors, IV. mixer V. waste storage area VI. roadways	Particulates

End of Introductory Note

The above named company is permitted to operate a cement batching activity subject to compliance with the following conditions:

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. Sampling shall be representative.

Table 1 – Emission limits, monitoring and related provisions

Row	Substance	Source	Emission Limit/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 inlet and outlets	Designed to emit less than 10mg/m ³	Operator observations	At time of delivery
Only emissions to atmosphere are required to comply with the emission limits within this table.					
Notes: a) The emission limits do not apply during start-up and shut down. All emissions shall be kept to a minimum during these periods.					

3. 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.
4. 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.

Silos

5. Bulk cement shall only be stored within the bulk cement silos.
6. Dust emissions from loading and 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.

7. Silos and bulk containers of dusty materials shall not be overfilled and there shall be an overfilling alarm.
8. When loading silos, 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. Suitable plant is deemed to be a reverse air jet filter.

Aggregates delivery and storage

10. Dusty materials (including dusty wastes) shall only be stored in 3-sided storage bays as detailed on the plan attached to this permit and shall be subject to suppression and management techniques to minimise dust emissions. This shall include that materials are not be piled higher than the external wall of the bays and shall not be forward of the bays.

Belt Conveying

11. All dusty materials, including wastes, shall be conveyed using conveyors provided with protection against wind whipping. All transfer points, including feed hoppers shall be provided with enclosures to minimise the generation of airborne dust emissions

Loading, unloading and transport

12. No potentially dusty materials (including wastes) or finished products shall arrive on or leave the site other than by use of sheeted or enclosed vehicles.

Roadways and transportation

13. 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.
14. Vehicles shall not tack material from the site onto the highway.

Techniques to control fugitive emissions

15. The fabric of process buildings shall be maintained so as to minimise visible dust emissions and any spillages beneath structures will be cleaned at least weekly.

Records and training

16. Written or computer records of all tests, operator inspections and monitoring (including those for visible emissions) 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 a duly authorised officer of the Council on request.

17. 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.

Best available techniques

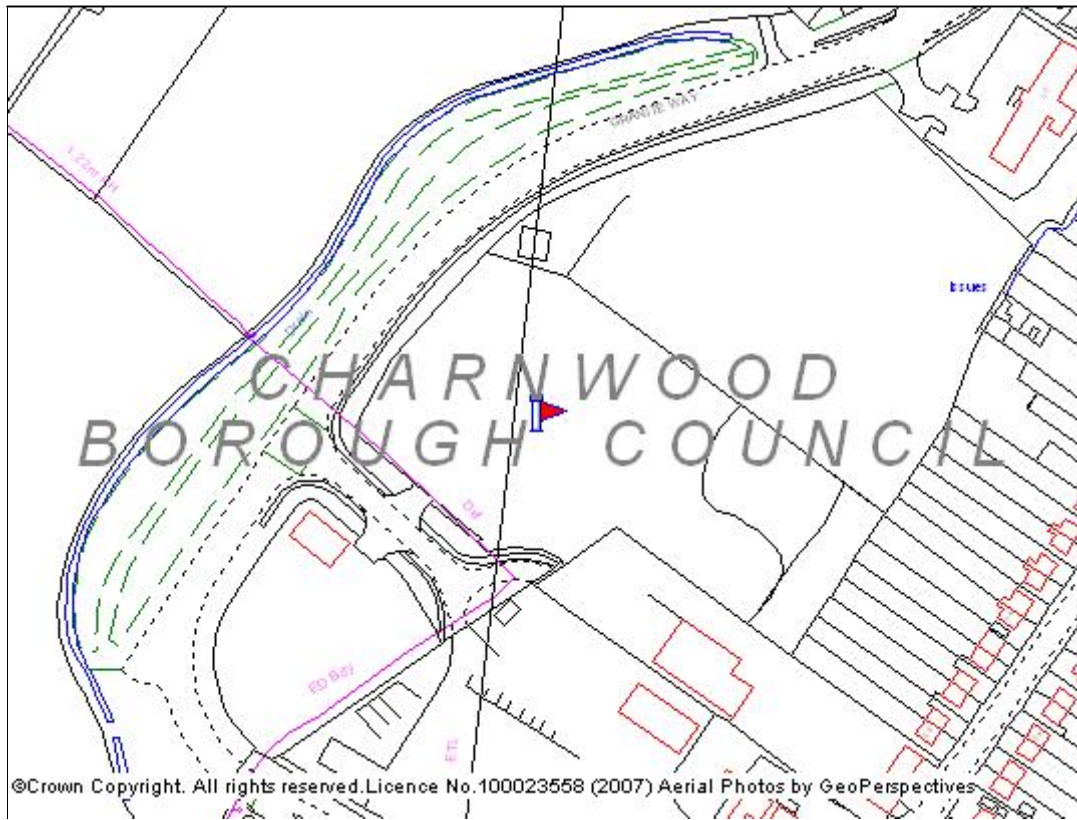
18. The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this permit.
19. If the operator proposes to make a change in the operation of the installation, he must, at least 14 days before making the change, notify Charnwood Borough Council 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 of operation' means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment.

END OF CONDITIONS

Site Location

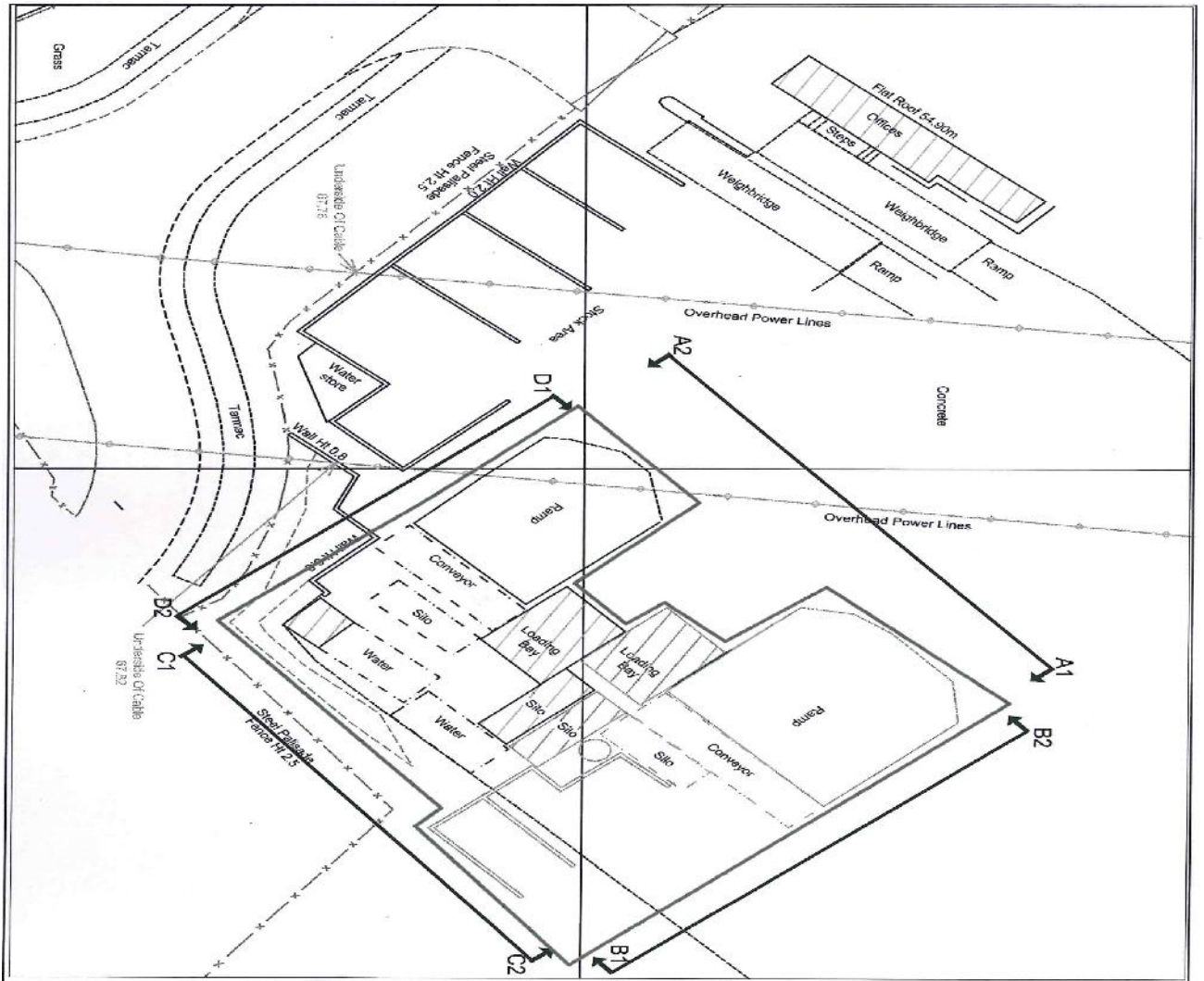
Appendix 1

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Site layout

Appendix 2



Explanatory Notes

These notes do not comprise part of the permit but contain guidance relevant to it.

Inspections

Regular inspections will be made by officers of Charnwood Borough Council (without prior notice), in order to check and ensure full compliance with this permit.

Health and Safety at Work and Other Statutory Requirements

The responsibility you have under legislation for Health, Safety and Welfare in the workplace remains in force. In addition, the Permit does not relieve you of your obligations to obtain planning permission, hazardous substances consent, discharge consent from the Environment Agency, Building Regulations approval, or some Waste Disposal Licences.

Submission of Information

Note that the Permit requires the submission of certain information to the Local Authority (LA). In addition, the LA has the power to seek further information at any time under Regulation 60(1) EP Regulations provided that it acts reasonably.

Public Registers

Considerable information relating to Permits including the Application is available on public registers in accordance with Requirement 46(1) EP Regulations. Certain information may be withheld from public registers where it is commercially confidential or contrary to national security.

Variations to the Permit

This Permit may be varied in the future (by the LA serving a Variation Notice on the Operator). If the Operator itself wants any of the Conditions of the Permit to be changed, it must submit a formal Application. The Status Log within the Introduction will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Surrender of the Permit

Where the Operator intends to cease the operation of an installation (in whole or in part) The LA should be informed in writing, such notification must include the information specified in Regulation 24 or Regulation 25 and Part 1 of Schedule 5 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, an Application to transfer the Permit has to be made jointly by the existing and proposed holders. A transfer will be allowed unless the LA considers that the proposed holder will not be the person who will have control over the operation of the installation or will not comply with the conditions of the transferred Permit.

Annual Subsistence Fee

In accordance with Regulation 65(1) of the EPR 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 22 of the EPR Regulations, if you fail to pay the fee due promptly, Charnwood Borough Council may revoke the permit. You will be contacted separately each year in respect to this payment.

Talking to us

Please quote the Permit Number if you contact Charnwood Borough Council about this Permit. To contact Charnwood Borough Council please use the telephone number 01509 634636 or any other number notified in writing to the Operator by Charnwood Borough Council for that purpose.

Right To Appeal

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

Appeals must be made in accordance with the requirements of Regulation 31 and Schedule 6 of the EP Regulations and should be addressed as follows:-

The Planning Inspectorate
Environment Team, Major and Specialist Casework
Room 4/04 Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN

An appeal brought under Regulation 31(b)(1) in relation to the conditions in a permit will not suspend the effect of the conditions appealed against: the conditions must still be complied with.

There are no forms or charges for appealing. However for an appeal to be valid, appellants are legally required to provide information as detailed in paragraphs 2(1) and (2) of Schedule 6 of the EP Regulations, namely:

- i. A statement of the grounds of appeal
- ii. A copy of any relevant permit
- iii. A copy of any relevant correspondence between the appellant and the regulator
- iv. A statement indicating whether the appellant wishes the appeal to be in the form of a hearing or dealt with by way of written representations.

At the same time, the notice of appeal and documents (i) and (iv) must be sent to the Council.

In determining an appeal against one or more conditions, the Regulations allow the Inspector or Secretary of State to affirm or quash conditions or to add new conditions.

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 a 5 years imprisonment.

Our enforcement of your permit will be in accordance with the Regulator's Compliance Code.