

PERMIT REFERENCE: PPC 021

Hanson Aggregates Ltd

Pollution Prevention and Control Act 1999
Pollution Prevention and Control (England and Wales)
Regulations 2000 as amended

Process Address	Hanson Premix Coventry Plant Torrington Avenue Coventry CV4 9AP
Process Type	Blending cement in bulk
Current Operator	Hanson Aggregates Ltd Ashby Road Shepshed Loughborough Leicestershire LE12 9BU
Previous Operator	n/a
Date of Application	1 st April 2003
Date Permit Issued	24 th February 2004

**POLLUTION PREVENTION & CONTROL ACT 1999
POLLUTION PREVENTION & CONTROL (ENGLAND AND WALES)
REGULATIONS 2000**

DOCUMENT A : PERMIT

Hanson Aggregates

Reference Number **PPC/021**

Coventry City Council ("the Council") in accordance with Section 10(2) of the Pollution Prevention & Control (England and Wales) Regulations 2000 ("The Regulations"), hereby permits:

Hanson Aggregates

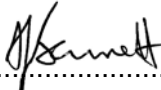
Whose registered office is:

**Ashby Road East
Shepshed
Loughborough
Leicestershire
LE12 9BU**

to operate a Part B installation involving the activity of blending cement in bulk as prescribed in Section 3.1 Part B (b) of Schedule 1 to The Regulations, at:

**Hanson Premix
Coventry Plant,
Torrington Avenue
Tile Hill, Coventry, CV4 9AP**

The permit is subject to the conditions specified in this document consisting of 10 pages and comprising documents A, B and C, plans PPC/021/A, PPC/021/B and Appendix 1.

Signed.....

Alan Bennett, Head of Environmental Health
A person authorised to sign on behalf of the Council

Dated24/2/05.....

SCOPE

The installation comprises not just any relevant unit carrying out a Part B activity listed in Schedule 1 to the Regulations, but also directly associated activities which have a technical connection with that activity and which could have an effect on pollution.

All pollutant concentrations shall be expressed at reference conditions of 273K and 101.3kPa, without correction for water vapour content.

Technical Guidance documents used in the preparation of this document:

- Secretary of States Guidance Note PG6/31(95)– Blending, loading, packing and use of bulk cement. ISBN 0-11-753148-0
- Secretary of State’s Guidance – General Guidance Manual on Policy and Procedures for A2 and B installations. ISBN 0-85521-028-1

Date Annual Fee Required: 1st April of each financial year

Date For Full Compliance: Date of Permit Issue

Permit Prepared By: Rachel King

LEGISLATION

1. Pollution Prevention and Control Act 1999.
2. Pollution Prevention and Control Regulations 2000 as amended, schedule 1 as amended

BRIEF DESCRIPTION OF THE INSTALLATION REGULATED BY THIS PERMIT

Definitions referred to in this permit

- An **Activity** is an industrial activity forming part of an installation. Different types of activity are listed within Schedule 1 of the PPC Regulations and are broadly broken down into industrial sectors. Other “associated” activities may also form part of an installation.
- An **Installation** comprises not just any relevant unit carrying out a B activity listed within Schedule 1 to the PPC Regulations, but also directly associated activities which have a technical connection with a schedule 1 activity and which could have an effect on pollution.
- An **Operator** is the person (eg a company or individual) who has control over the operation of an installation.
- **Authorised Officer** shall mean an officer authorised to carry out duties under the Pollution Prevention and Control Act 1999 and subordinate regulations
- **Logbook** shall mean any electronic or paper means of storage of the required information as agreed by the regulator
- **Local Authority** shall mean Coventry City Council

The general location of the Authorised Process is shown on the attached plan PPC/021/A in addition to the Installation boundary marked with a red line. The attached plan PPC/021/B shows the layout of key plant.

Description of Installation

Cement and cementitious materials are delivered to the site in bulk pressure tankers.

The materials are discharged under pressure into 1, 60 Tonne capacity and 1, 40 Tonne capacity sealed cement silos for storage each employing Airmaster reverse jet dust filters and high level alarms.

Aggregate materials are delivered by tipper truck to the site and stored in multi-partitioned holding bins with a total capacity of 375 Tonnes.

Cement and aggregate are transferred from the storage silos and holding bins via gravity feed and a screw conveyor into mobile mixing plant

Cement, aggregates, water and admixture are mixed in the mobile mixing plant that is fitted with plastic curtains and water sprinklers.

The final mixed concrete/cement is discharged into tankers via enclosed pipework

Table 1

List of Process Areas within the Installation and Associated Emission Points, Pollutants of Concern and Abatement Plant Required

Row	Area/Machinery Identification	Pollutants Emitted	Emission Limits	Abatement Plant Required
1	2 bulk cement silos	Particulates	Conditions 2.1, 2.2	Airmaster reverse jet filters

DOCUMENT B

CONDITIONS

All conditions shall have immediate effect unless stated otherwise.

1. EMISSION LIMITS AND CONTROLS

- 1.1 There shall be no persistent emissions of particulate matter noticeable beyond the installation boundary.

2. MONITORING SAMPLING AND MEASUREMENT OF EMISSIONS

- 2.1 A visual assessment of emissions from the Airmaster reverse jet dust filters shall be carried out at least once while bulk deliveries of cement are taking place from an accessible position where the dust filters can clearly be seen.
- 2.2 A visual assessment of emissions noticeable beyond the process boundary shall be carried out at least once in any one day by site personnel. This shall be carried out by checking for cement fall out on a suitable surface down wind of the cement silo.
- 2.3 Any adverse results from monitoring of 2.1 and 2.2 shall be followed up immediately by the investigation of the cause of the emission followed by the implementation of in house procedures for the reporting of Environmental Incidents and the taking of necessary corrective action. A copy of the incident reporting form shall be kept on site and be available for inspection.
- 2.4 A notice displaying the procedures for charging cement shall be displayed in a prominent position near to the point of delivery of bulk cement.

3. MATERIALS HANDLING

- 3.1 Stocks of cement and cementitious materials shall only be stored in the sealed cement silos marked A on plan PPC/021/B. These silos must only be vented to atmosphere through the Airmaster reverse jet filters while charging of cement takes place.
- 3.2 The seating of all pressure relief valves on the cement silos shall be checked visually and resealed if necessary at least once every week and after any high pressure release incident.
- 3.3 Site personnel shall ensure that all persons responsible for charging the cement silos comply with all site operating procedures. Vehicle operators must not be allowed to clean their tanks out on this site.
- 3.4 The site personnel shall ensure that the cement silos are not charged if there are any leaks in the feed lines or connection points.
- 3.5 The water sprinklers must always be in operation while cementitious products are being discarded into mobile mixing plant.

4. GENERAL OPERATIONS

- 4.1 Any mechanical malfunction or spillage of material shall be attended to and remedied as soon as possible. Any spillage shall be reported on an Environmental Incident form and mechanical malfunctions and the remedial measures taken shall be recorded within the maintenance log book.
- 4.2 Any incident likely to give rise to emissions that may have an impact on neighbouring residents shall be reported immediately to this authority.
- 4.3 A copy of this permit shall be located on site such that all operatives involved in the process have unrestricted access to it.
- 4.4 The operator shall supply to this Authority, on demand and without charge, a copy of all or part of the records required to be kept by this permit.
- 4.5 The operator shall undertake regular cleaning and preventative maintenance including inspection and repair/replacement on all plant and equipment concerned with the emission, capture, transport and control of emissions to atmosphere. Where necessary manufacturers guidelines shall be used to determine the regularity of maintenance. Records of preventative maintenance including inspections and any works undertaken shall be kept on site and made available to the local authority inspector on request.
- 4.6 Spares and consumables for plant and equipment used in the installation in particular that subject to continual use or wear shall be held on site or shall be available at short notice. Such plant or equipment shall not be used unless that plant or equipment is capable of working in accordance with the conditions of this permit.
- 4.7 Staff at all levels shall receive the necessary training and instruction in their duties relating to control of the activities and emissions to air. Records shall be kept which details all relevant training provided to staff, and these records shall be kept for a minimum of 2 years.
- 4.8 If there is any intention to change any aspect of the prescribed installation from the description contained in the beginning of this permit, or any other aspect which may affect the substances or concentration or amount of substances being emitted to atmosphere, the operator shall notify the regulator of the proposed changes at least 4 weeks in advance before the changes take place.

DOCUMENT C

RESIDUAL DUTY

In relation to any aspect of the process not regulated by specific conditions in the permit, then Best Available Techniques shall be used:

For the purposes of the Pollution Prevention and Control (England and Wales) Regulations 2000, “best available techniques” 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 basis for emission limit values designed to prevent and, where practicable, generally to reduce emissions and the impact on the environment as a whole; and for the purpose of this definition –

- a) “available techniques” means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, in the 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;
- b) “best” means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole;
- c) “techniques” includes both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Appendix 1 **SUPPLEMENTARY NOTES**

These notes do not comprise part of the Permit PPC/021 but contain guidance relevant to the Permit.

Inspections and Powers of Entry

Regular inspections will be carried out by officers of the Council (the Local Authority Inspectors) to check and ensure full compliance with the Permit conditions and residual duties. These inspections may be carried out without prior notice.

Under section 108(6) of the Environment Act 1995 authorised Local Authority Inspectors have been granted powers of entry into any premises for the purposes of discharging relevant duties.

Reviews

The Local Authority has a statutory duty to review the permit at least once every 6 years or in the following circumstances set out in regulation 15 of the Pollution Prevention and Control regulations 2000:

- a) The pollution from the installation is of such significance that the existing emission limit values for the permit need to be revised or new emission limit values need to be included in the permit
- b) Substantial changes in BAT make it possible to reduce emissions from the installation or mobile plant significantly without imposing excessive costs; or
- c) Operational safety of the activities carried out in the installation or mobile plant requires other techniques to be used

Health and Safety

This Permit is given in relation to the requirements of the Pollution Prevention and Control (England and Wales) Regulations 2000. It must not be taken to replace any workplace responsibilities the operator has under Health & Safety legislation. Whenever emission limits quoted in this Permit conflict with occupational exposure limits set under the Health and Safety at Work Act 1974 to secure the health, safety or welfare of persons at work, the tighter limit should prevail.

Installation must be operated in order to protect persons at work as well as the environment. In achieving conditions in this Permit the operator must not adopt any course of action that would put at risk the health, safety or welfare of persons at work.

Other Statutory Requirements

This Permit does not detract from any other statutory requirement, such as the need to obtain planning permission, hazardous substances consent, discharge consent from the Environment Agency, building regulations approval, or a waste disposal licence.

This Permit does not authorise a contravention of any other enactment or any order made, granted or issued under any enactment, nor does it authorise a contravention of any rule or breach of any agreement.

The Operator is advised to consult the relevant Planning Department regarding changes that may be required as a result of this Permit (e.g. stack heights) as they may require planning permission.

Transfer of Permits

Where the operator of an installation wishes to transfer, in whole or in part, his permit to another person, the operator and the proposed transferee shall jointly make an application to the regulator to effect the transfer. Such an application shall be accompanied by the permit and any fee prescribed in respect of the transfer.

In the case of partial transfer, where the original operator retains part of the permit, the application must make clear who will retain control over the various parts of the installation. The application must include a plan identifying which parts of the site and which activities the operator proposes transferring.

The local authority will then determine whether to allow the transfer within a two-month period, unless the local authority and the applicants agree a longer period. Where the local authority approves the transfer, the transfer will take effect from the date requested by the operator or a date that may be agreed by the local authority and the applicants.

Variation to Permits

Variation to permits may be initiated either by the local authority or the operator, either in response to changes in the operation of an installation or if new conditions are needed to deal with new matters. Variations may be required in response to the following.

- Change of operation of the installation. (The operator shall notify the local authority under Section 16(1) of the Regulations.)
- In response to the findings of a periodic review of conditions.
- In response to the findings of an inspection.
- New or revised sector guidance notes

The operator should apply to the Local Authority in order to vary a permit under regulation 17 of the Regulations. The application must be in writing and, in accordance with Part 1 of Schedule 7 to the Regulations contain:

- The name, address and telephone number of the operator.
- The address of the installation.
- A correspondence address.
- A description of the proposed changes.
- An indication of the variations the operator would like to make.
- Any other information the operator wants the authority take account of.

Substantial Change

A substantial change means, in relation to an installation, a change in operation, which in the opinion of the local authority may have significant negative effects on human beings or the environment.

Where the local authority deems that a proposed variation constitutes a substantial change, the operator will be informed of the process to follow.

Noise

This Permit does not include reference to noise. Statutory noise nuisance is regulated separately under the provisions of Part III of the 1990 Act.

Appeals

An Appeal can be made against the conditions in, or variations to this Permit as per Part IV of the Regulations. Appeals are made to the Planning Inspectorate who acts on behalf of the Secretary of State. Appeals against conditions within a Permit must be submitted within 6 months of the date of issue of the permit. Appeals against variation notices must be submitted

within 2 months of the date of issue of the notice. Appeals should be despatched on the day they are dated and sent to:

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

HMSO Publications

All HMSO publications can be ordered by telephone on Tel: 0870 600 5522,
Fax: 0870 600 5533 or e-mail: book.orders@tso.co.uk

Plan PPC/021/A Premises Boundary of Hanson Aggregates



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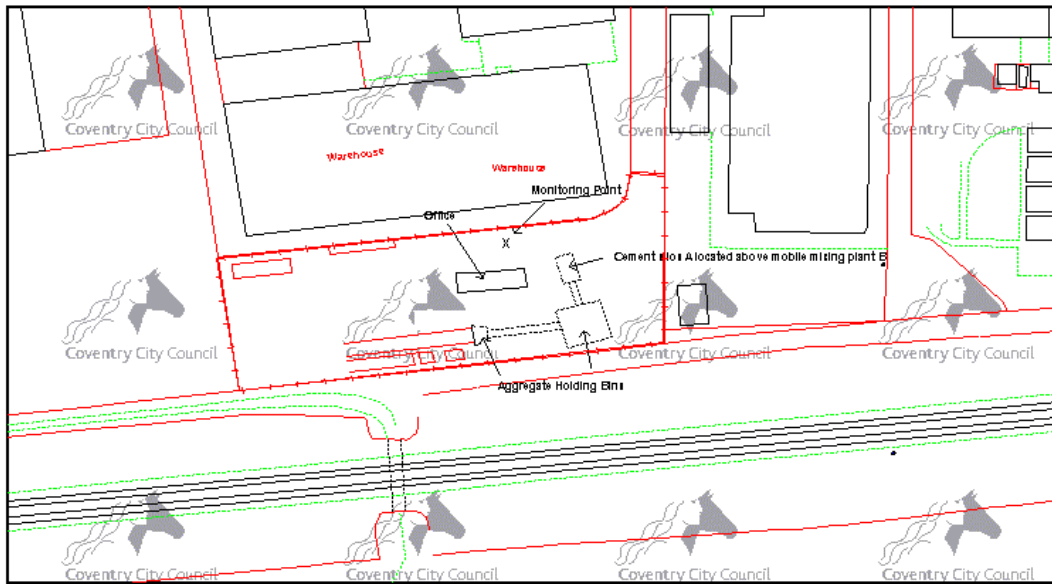
City Services Directorate,
Environmental Health,
Environmental Protection,
Broadgate House, Broadgate
Coventry, CV1 1NH

Tel: 024 7683 1832



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PPC021/B - Plan showing Installation Boundary of Hanson Aggregates and Plant



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City Services Directorate,
 Environmental Health,
 Environmental Protection,
 Broadgate House, Broadgate
 Coventry, CV1 1NH

Tel: 024 7683 1832



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