



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

PERMIT FOR LAPPC (Part B) INSTALLATION
with EXPLANATORY NOTE

Permit ref. no: PPC/B/01

Name of person (A) authorised to operate the installation ("the operator")
Aggregate Industries Ltd

Registered number and office of company (if appropriate)
Aggregate Industries Ltd. Bardon Hall, Copt Oak Road, Markfield, Leicestershire. LE67 9PJ

Address of permitted installation (B)
Aggregate Industries Ltd (Trading as BARDON CONCRETE)
Bouthwood Road, Sowerby Woods Business Park, Barrow-in-Furness, Cumbria. LA14 4QR

Activity description

The permitted activity carried out at the site comprises of the blending, loading, and storage of cement to produce ready mixed concrete products, including:

- The delivery of cement, other cementitious materials and aggregates (gravel, crushed stone or sand) to the premises.
- The storage of cement, other cementitious materials, aggregates and any other materials used for the Activity.
- The blending of cement, other cementitious materials and aggregates with water to produce ready mixed products.
- The loading of delivery vehicles including truck mixers.
- The storage and disposal of any waste arising from the Activity.
- All plant, machinery or other equipment intended to prevent emission of air pollutant to the environment.

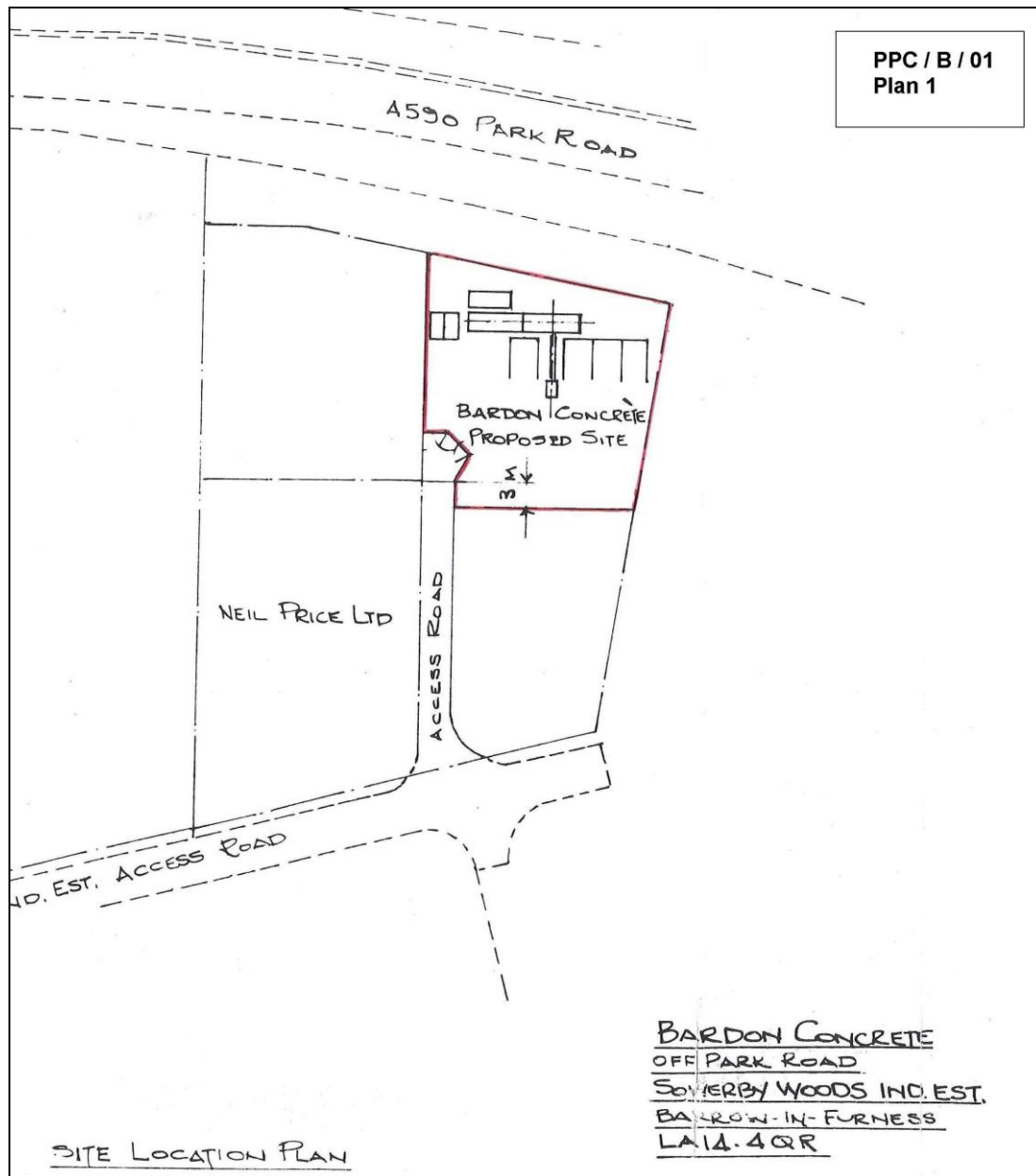
The activity is that carried on within the installation boundary outlined on the plan below PPC/B/01–Plan 1.

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

¹ Listed in Part 2 of Schedule 1 to the Environmental Permitting Regulations

Signed:.....
Environmental Health Manager

Date: 12th March 2014



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 below shall be complied with. Sampling shall be representative of normal operating conditions.
3. 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.

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 in accordance with Condition 16.

SILOS

5. Bulk cement shall only be stored within the bulk cement silo(s).
6. Dust emissions from loading or unloading road tankers shall be minimized 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. The silo shall not be overfilled and there shall be an overfilling alarm.
8. When loading silos which were new after June 2004, deliveries must automatically stop where overfilling or over-pressurisation is identified.
9. The silo(s) shall have a reverse jet air filter attached to minimise emissions to atmosphere.

AGGREGATES DELIVERY AND STORAGE

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

BELT CONVEYING

11. All dusty materials, including wastes, shall be conveyed using a single conveyor. All transfer points shall be enclosed to such an extent as to minimise the generation of airborne dust.

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 fully enclosed containers or 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 track 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.

RECORDS AND TRAINING

16. Written or computer records of all tests and monitoring shall be kept by the operator for at least 24 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.
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.

GENERAL

18. 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.

RIGHT TO APPEAL

You have the right of appeal against this permit within 6 months of the date of the decision. Details on how to appeal are contained within the explanatory note. You will normally be expected to pay your own expenses during an appeal.

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](#).

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*

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.

EXPLANATORY NOTES

These notes do not form part of the Permit

This Permit is issued under Regulation 13 of the Environmental Permitting (England & Wales) Regulations 2010 (2010 Regulations) to operate an installation carrying out one or more of the activities listed in Part B to Schedule 1 of those Regulations, to the extent authorised by the Permit.

The Permit includes conditions that have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions, are subject to the Operator using the best available techniques (BAT) for preventing or, where that is not practical, reducing emissions from the installation.

Section 3(1) of the Regulations defines "BAT" as follows:

- a. '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 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 way of achieving a general high level of protection of the environment as a whole;
- c. 'techniques' includes both technology used and the way in which the installation is designed, managed, operated and decommissioned.

- 1) **Responsibility under Workplace Health and Safety Legislation** - This permit is given in relation to the requirements of Environmental Permitting Regulations 2010 and subordinate regulations. It must not be taken to replace any responsibilities you may have under workplace health and safety legislation.
- 2) **Other responsibilities** - This permit, in that it regulates only air pollution matters, does not absolve you of the responsibility of any other statutory requirement, such as any need to obtain planning permission, hazardous substances consent or Building Regulations approval from the Council. Discharge consents from the local sewerage undertaker or a waste disposal licence from the Environment Agency may still be required.
- 3) **Enforcement and Offences** - It is an offence to operate a prescribed activity without a current permit. The operator will be liable to enforcement action where;
 - a) a new activity (as defined within the Environmental Permitting (England & Wales) Regulations 2010) is carried on without a proper permit, and
 - b) any of the conditions of the permit are breached.
- 4) **Subsistence Charge** - An annual fee (subsistence charge) due on 1st April each year (currently chargeable per activity per annum but subject to change by statutory instrument) is payable to Barrow-in-Furness Borough Council.
- 5) **Confidentiality** - The Permit requires the Operator to provide information to Barrow-in-Furness Borough Council. The Council will place the information onto the public registers in accordance with the requirements of the 2010 Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Council to have such information withheld from the register as provided in the 2010 Regulations. To enable Barrow Borough Council to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

- 6) **Variations to the permit** - This Permit may be varied in the future. If at any time the activity or any aspect of the activity regulated by the following conditions changes such that the conditions no longer reflect the activity and require alteration, the Regulator should be contacted.
- 7) **Surrender of the permit** - Where an Operator intends to cease the operation of an installation (in whole or in part) the regulator should be informed in writing, such notification must include the information specified in regulation 24 of the 2010 Regulations.
- 8) **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 2010 Regulations. A transfer will be allowed unless the Authority 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.
- 9) **Appeal against permit conditions** - 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. Appeals must be made in accordance with the requirements of Regulation 31 and Schedule 6 of the 2010 Regulations.

Appeals should be sent to the Secretary of State for the Environment, Food and Rural Affairs. The address is as follows:-

The Planning Inspectorate
Environmental Appeals Administration
Room 4/12 - Eagle Wing
Temple Quay House
2 the Square
Temple Quay
Bristol
BS1 6PN

Please Note - an appeal brought under Section 27 paragraph (1) (c), (d) or (e) 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.

In determining an appeal against one or more conditions, the Act allows the Secretary of State in addition to quash any of the other conditions not subject to the appeal and to direct the regulator either to vary any of these other conditions or to add new conditions.

- 10) **Contact Details** - If you are required to contact the Environmental Protection Section of the Environmental Health Department at Barrow-in-Furness Borough Council please telephone 01229 876372 during office hours and ask for Graham Barker (Senior Environmental Protection Officer).

End of Explanatory Note