

Environmental Permit

Pollution Prevention and Control Act 1999

Environmental Permitting (England and Wales) Regulations 2010

CPI Mortars Limited.
PO Box 1224
Pelham House
Canwick Road
Lincoln
LN5 5NH

Permit Number
EPR 3/18 CPI

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Status Log

Detail	Date	Comment
Application Received	October 2002	Duly made
PPC Permit	12 th November 2003	Permit issued
PPC Permit 2	8 th February 2006	Permit issued
EPR Replacement Permit	26 th February 2013	Permit issued

Introductory Note

This introductory note does not form part of your Environmental Permit conditions, however it does provide useful information about the Environmental Permitting Regulations:

The following Permit is issued under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2010 (S.I 2010 No.675), ("the EPR") to operate a scheduled installation carrying out an activity, or activities covered by the description in Part 2, Section 3.5 of Schedule 1 to the Environmental Permitting Regulations, to the extent authorised by the Permit.

Conditions within this Permit detail Best Available Techniques (BAT), for the management and operation of the installation, to prevent, or where that is not practicable, to reduce emissions.

In determining BAT, the Operator should pay particular attention to relevant sections of the LAPPC Process Guidance note 3/18 (12) and 3/01 (12), and any other relevant guidance. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Note that the Permit requires the submission of certain information to the Regulator, and in addition, the Regulator has the power to seek further information at any time under Regulation 60 of the EPR Regulations provided that the request is reasonable.

Public Registers

Information relating to Permits, including the application, is available on public registers in accordance with the EPR. Certain information may be withheld from the public registers where it is commercially confidential, or if it is in the interest of national security to do so.

Variations to the Permit

The Regulator may vary the Permit in the future, by serving a variation notice on the Operator. Should the Operator want any of the conditions of the Permit to be changed, a formal application must be submitted to the Regulator (the relevant forms are available from the Regulator). The Status Log that forms part of this introductory note 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.

Transfer of the Permit or part of the Permit

Before the Permit can be wholly or partially transferred to another Operator, an application to transfer the Permit has to be made jointly by the existing and proposed Operators. A transfer will not be approved if the Regulator is not satisfied that the proposed Permit holder will be the person having control over the operation of the installation, or will not comply with the conditions of the transferred Permit. In addition, if the Permit authorises the Operator to carry out a specified waste management activity, the transfer will not be approved if the Regulator does not consider the proposed Permit holder to be a 'fit and proper person' as required by the EPR.

Talking to us

Please quote the permit number if you contact the Regulator about this permit. To give a notification under any condition, the Operator should telephone **01279 446111** or any other number notified in writing by the Regulator for that purpose.

HARLOW COUNCIL

Pollution Prevention and Control Act 1999
Environmental Permitting (England and
Wales) Regulations 2010 (as amended)



Permt Reference: **EPR 3/18 CPI**

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

CPI Mortars Limited.
PO Box 1224
Pelham House
Canwick Road
Lincoln
LN5 5NH

Registered number 3291462

Address of permitted installation (B)

29 Mead Industrial Park
Riverway
Harlow
Essex.
CM20 2SE

Signed _____

26th February 2013

Norah F Nolan
Environmental Health Manager
The Authorised Officer for this purpose

Harlow Council, Environmental Health Services, Civic Centre, The Water Gardens, Harlow,
Essex CM20 1WG. Tel. 01279 446111 Fax. 01279 446767

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

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

Description of Activity; The installation produces dry mortar or concrete for use in the construction and civil engineering industries. The MTA 3000 Mortar Plant is equipped with hoppers for the storage of un-dried sand; silos for the storage of dusty materials and finished products; Waiweldai reverse air jet cartridge filters serving the silos; conveyors and bucket lifts for internal movement of materials; Ventilex fluid bed sand dryer for the drying of sand and; ventilex reverse air jet bag filter serving the drier. Dried sand is mixed with cement and additives to create a dry homogeneous mortar which is delivered to site by tanker or mobile silo. Water is added to the mortar at point of use. Unused waste mortar may be returned from site to the installation for later onward carriage and disposal. The process involves 2 activities; drying of aggregates and use of bulk cement.

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. 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.
3. 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.
4. The Ventilex filter bags serving the dryer shall be examined for defects once a month and be replaced when defects are identified. The plant shall not operate if bags are known to be defective.

Silos

5. Dried product and powdered materials including cement and lime shall be stored only in silos.
6. Dust emissions from loading or 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. Deliveries must automatically stop where overfilling or over-pressurisation is detected.
8. Displaced air from pneumatic transfer shall pass through abatement plant prior to emission to air.

¹ listed in Part 2, Section 3.5 of Schedule 1 to the Environmental Permitting Regulations

9. The correct seating of Pressure Relief Valves shall be checked not less than every 14 days and shall be thoroughly examined every 6 months. Checks shall be recorded and made available for inspection.

Aggregates delivery and storage

10. Un-dried sand shall only be stored in 3 sided bays or be discharged directly into the loading hopper to be conveyed into the elevated un-dried storage hoppers.
11. Dusty wastes shall only be stored in bays with 3 sides and shall be subject to suppression and management techniques to minimise dust emissions as necessary.
12. Unused stocking areas shall be controlled to prevent visible dust emissions and shall be subject to suppression and management techniques to minimise dust emissions when necessary.

Belt conveying

13. Un-dried sand shall be conveyed using an inclined enclosed conveyor. All transfer points shall be suitably protected to avoid wind whipping. The transfer points above the covered un-dried storage hoppers and areas beneath the 3 conveyors shall be inspected in accordance with table 1 and all spilled materials removed promptly.

Loading, unloading and transport

14. All deliveries of un-dried sand shall be transported in sheeted Lorries. All finished product (apart from waste) shall be transported in Tankers or mobile Silos. Waste material shall be transported by Tanker, in Silos or, in sheeted Lorries. Where necessary, waste shall be suppressed to prevent wind whipping during transportation.

Roadways, transportation and buildings

15. All areas where there is regular movement of vehicles shall have a consolidated surface capable of being cleaned. These surfaces shall be kept clean and in good repair. A high standard of housekeeping shall be maintained.
16. Vehicles shall not track material from the site onto the highway.
17. The fabric of process buildings shall be maintained in good order so as to minimise visible dust emissions. Where practicable, doors shall be kept closed when not in use.

Records and training

18. Written or computer records of all tests and monitoring shall be kept by the operator for at least 18 months. The records and a copy of all manufacturers' instructions referred to in this permit shall be made available for examination by the Council on request. Records shall be kept of operator inspections, including those for visible and odorous emissions.
19. 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

20. 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.

21. 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.

Table 1 - Emission limits, monitoring and other provisions

Row	Substance	Source	Emission limits/provisions	Type of monitoring	Monitoring frequency
Whole site and all authorised emission points					
1	Visible emissions	Site	No visible emissions to cross site boundary	Operator observations	Once a day
2	Visible emissions	All authorised emission points	No abnormal emission	Operator observations	Once a 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 dryers and then no darker than Ringelmann 1	Visual observations	On start-up and on at least two more occasions during the working day
Sand and Mineral Drying plant					
4	Sand	Conveyors	Undried sand hoppers and areas beneath conveyors	Visual observations	Following delivery of 'wet' sand
5	Particulate matter	Sand and Mineral Drying plant, Fluid Bed Dryers	50mg/m ³	Periodic particulate monitoring	Annual
6	Sulphur dioxide	All activities using gas oil	0.1% wt/wt sulphur in fuel	Sulphur content of fuel is regulated under the Sulphur Content of Liquid Fuels Regulations	

Silos					
7	Particulate matter	Silo inlets and outlets	No visible emission Designed to emit less than 10mg/m ³	Operator/driver observations every delivery. Record start and finish times	Every delivery
Arrestment equipment, not serving silos or dryers, and with external discharge points					
8	Particulate matter	Flow 100m ³ /min or less	No visible emission	Operator observations	At least daily when operating
<p>Notes</p> <p>*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.*</p> <p>The reference conditions for limits in Table 1 are: 273.1K, 101.3kPa, without correction for water vapour content, unless stated otherwise, All periodic monitoring shall be representative, and shall use standard methods.</p> <p>The emission limits do not apply during start-up and shut down. All emissions shall be kept to a minimum during these periods.</p>					

Right to Appeal

You have the right of appeal against this permit within 6 months of the date of the decision. The Council can tell you how to appeal [*or supply details with the permit*]. 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](#).