

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	EPR/BL1096IB/V012
Name of operator	Castle Cement Limited
Location of Installation	Padeswood Works, Padeswood, Mold.
Time and date of the detection	00:10 22.04.17

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	CM4 Redecam Filter
Parameter(s)	Dust particulates
Limit	10 MgNm3
Measured value and uncertainty	11.71 MgNm3 (with 5 hours not running)
Date and time of monitoring	21/04/17 00:00 – 00.01 22/04/17
Measures taken, or intended to be taken, to stop the emission	Some remedial work carried out and later the mill was stopped for further work to be carried out.

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	<p>The CEMs data on redecam filter started to trend upwards on the afternoon of the 20th April and into the 21st April. A faulty compressor was initially diagnosed to have contributed to the problem. This was rectified and subsequently the emissions reduced.</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>Although the emissions on the filter were below the permit level on the subsequent days, the values were still trending above typical. Further inspection work was carried out on the filter with the replacement of 2 bags on the 24th April and 4 bags on the 25th April. Following this emissions returned to normal level.</p> <p>As a full change of filter bags had been carried out in December the failed bags were sent away to the supplier for testing, this was to diagnose why failure had occurred early in the life cycle of the bag.</p> <p>A report from the supplier indicated that the bags had suffered from water damage due to excess moisture. In order to understand why an inspection of the water injection system on the mill was carried out and subsequently the internal spray nozzles were replaced. The mill diaphragm was also inspected and unblocked, this in turn reduced the water requirement for mill cooling.</p> <p>To mitigate this happening again inspection of the mill diaphragm and spray nozzles will be included in maintenance of the mill on a more frequent basis.</p>

	Also over the next 6 months further bags will be sent away for supplier testing to check for early signs of deterioration.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	It is anticipated that this breach would have had minimal environmental impact
The dates of any unauthorised emissions from the installation in the preceding 24 months.	06/07/2015 15/07/2015 17/07/2015 23/08/2015 06/02/15 01/04/15 06/07/15 15/07/15 17/07/15 23/08/15 10/09/2015 15/10/2015 07/12/2015 02/01/2016 13/02/2016 14/02/2016 26-28/08/2016 24/11/2016 03/02/2017 30/03/2017

Name*	D Pritchard
Post	Shift Manager
Signature	
Date	22/04/17

* authorised to sign on behalf of Castle Cement Limited