

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/V013
Name of operator	Castle Cement Limited
Location of Installation	Padeswood Works, Padeswood, Mold.
Time and date of the detection	00:01hrs 3rd Feb 2017 to 23:59 3rd Feb 2017

(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	A8 Main Kiln Main Stack
Parameter(s)	Particulates
Limit	10 mg/Nm3
Measured value and uncertainty	19.58 mg/Nm3
Date and time of monitoring	00:01hrs 3 rd Feb 2017 to 23:59 3 rd Feb 2017
Measures taken, or intended to be taken, to stop the emission	Kiln stopped at 09:00. Carried out inspection of main bag filter. Found 3 failed socks in chamber 4. Bags replaced. Kiln restarted at 17:30 now running at 5mg/Nm3

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 kiln had recently started after the annual shutdown, and had run for the previous two days. During this time the main bag filter dust was trending slightly higher than usual at around 5-8mg</p> <p>Isolation of individual compartments was carried out to try and isolate the source of the elevated emissions however this was not immediately obvious.</p> <p>At 1am on the 3rd the dust started to trend above the emission limit. Again compartments were isolated and it was identified that the elevated emissions stemmed from chamber 4.</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>The kiln was stopped at 8am due to the high levels and an internal inspection of the main bag filter was carried out. It was found that there were four damaged bag in chamber 4. These were subsequently replaced and the Kiln was restarted after which the dust on the main bag filter averaged between 3-5mg.</p> <p>Following this breach all of the remaining bags in chamber 4 were changed 13th / 14th Feb as a precautionary measure.</p>
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 envisaged that there would have been minimal environmental impact from these emissions.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	<p>06/02/2015</p> <p>01/04/2015</p>

	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

Name*	P Ives
Post	Shift Manager
Signature	P Ives
Date	03/02/2017

* authorised to sign on behalf of Castle Cement Limited