

Part A
B



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/V010
Name of operator	Castle Cement Limited
Location of Installation	Padeswood Works, Padeswood, Mold.
Time and date of the detection	00.05 20/09/2013

(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	Kiln 4 main stack
Parameter(s)	HCL
Limit	Daily average Limit 10mg/Nm ³
Measured value and uncertainty	Daily average Actual – 11.0mg/Nm ³
Date and time of monitoring	19/09/2013 00:00 to 24:00
Measures taken, or intended to be taken, to stop the emission	Raw mill back in operation , HCL levels dropped


	INITIALS	DATE
OK FOR PUBLIC REGISTER	SL	30/12/13
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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.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
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	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	Victoria Smith
Post	Works Chemist
Signature	
Date	19/09/2013

* authorised to sign on behalf of Castle Cement Limited



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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/V011
Name of operator	Castle Cement Limited
Location of Installation	Padeswood Works, Padeswood, Mold.
Time and date of the detection	00.05 20/09/2013

(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	Kiln 4 main stack
Parameter(s)	HCL
Limit	Daily average Limit 10mg/Nm ³
Measured value and uncertainty	Daily average Actual – 11.0mg/Nm ³
Date and time of monitoring	19/09/2013 00:00 to 24:00
Measures taken, or intended to be taken, to stop the emission	Raw mill back in operation , HCL levels dropped

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 raw mill was stopped for routine maintenance prior to the start of day shift on 19/9/13. HCl emission increased as expected due to the lack of additional scrubbing provide by the operational mill.</p> <p>The raw mill was re-started at 14:00, when HCl emission was seen to drop.</p> <p>The CEM monitor started daily zero check at 15:50, HCl analysis failed this check and the monitor trended at zero till midnight. This was not picked up as a fault until shift change.</p>		
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>A route cause analysis was carried out which resulted in a number of corrective actions which have either been completed or require a longer term investigation. Completed actions are refresher training for Shift Managers on Permit and WID compliance. Investigation into Alternative fuels control protocols during monitor failure and reinforcement of requirement to report faults by kiln controller to shift managers.</p> <p>It is normal operation for the raw mill to run during kiln operation, however the requirement for routine maintenance results in periods where the kiln continues to operate in the absence of the mill. Every effort is made to minimise these periods.</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	The emission would have dissipated quickly with negligible environmental impact		
The dates of any unauthorised emissions from the installation in the preceding 24 months.	21/07/2011	06/03/2012	07/10/2012
	31/07/2011	07/03/2012	27/10/2012
	05/08/2011	12/03/2012	29/10/2012
	12/08/2011	14/03/2012	28/02/2013
	15/08/2011	20/04/2012	07/07/2013
	22/09/2011	03/05/2012	11/07/2013
	30/09/2011	23/06/2012	18/07/2013
	07/11/2011	27/06/2012	25/07/2013
	21/02/2012	23/07/2012	

Name*	Victoria Smith
Post	Works Chemist
Signature	
Date	13/12/13

* authorised to sign on behalf of Castle Cement Limited