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## 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 01/03/2013

**(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)	NOx
Limit	Daily average limit 500mg/Nm <sup>3</sup>
Measured value and uncertainty	Actual - 549mg/Nm <sup>3</sup>
Date and time of monitoring	28/02/2013 00:00 to 24:00
Measures taken, or intended to be taken, to stop the emission	The NOx abatement system whilst broadly managing the NOx level failed to control rapidly changing kiln conditions in the latter part of the day causing a breach of the limit. SNCR injection levels were manually increased to bring the NOx down.


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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	A more aggressive NOx reduction recipe is now being used on the SNCR system. This will increase the rate of ammonia injection more quickly than previously as the NOx levels rise in the stack emission.		
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 to atmosphere would have dissipated rapidly with negligible environmental impact.		
The dates of any unauthorised emissions from the installation in the preceding 24 months.	09/03/2011	21/07/2011	20/04/2012
	15/03/2011	31/07/2011	03/05/2012
	17/03/011	05/08/2011	23/06/2012
	18/03/2011	12/08/2011	23/06/2012
	19/03/2011	15/08/2011	27/06/2012
	20/03/2011	22/09/2011	27/06/2012
	28/03/2011	30/09/2011	23/07/2012
	30/03/2011	07/11/2011	07/10/2012
	06/05/2011	21/02/2012	25/10/2012
	21/05/2011	06/03/2012	27/10/2012
	31/05/2011	07/03/2012	29/10/2012
	09/06/2011	12/03/2012	
	16/06/2011	14/03/2012	

<b>Name*</b>	N Sharpe
<b>Post</b>	Quality and Environment Manager - North
<b>Signature</b>	
<b>Date</b>	24 <sup>th</sup> April 2013

\* authorised to sign on behalf of Castle Cement Limited

