

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	Hanson Cement Limited
Location of Installation	Padeswood Works, Padeswood, Mold.
Time and date of the detection	1900hrs 04.08.18

(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	04.08.18 1900hrs
Reference or description of the location of the event	Kiln feed building for 361 BE01
Description of where any release into the environment took place	Atmosphere
Substances(s) potentially released	dust Particulates
Best estimate of the quantity or rate of release of substances	Release of dust from building . Estimated 10KGS
Measures taken, or intended to be taken, to stop any emission	Kiln feed was stopped until filter repaired
Description of the failure or accident.	During the shift managers site walk round at the start of the shift it was found that the building for 361 BE01 had a quantity of airborne dust within the building. 361BF31 filter hopper which de-dusts 361BE01 was found to be full blocking the inlet ducting to the filter which caused the elevator to go over pressure slightly causing raw meal dust to escape from the elevator causing the building to become cloudy with dust, although the bulk of the dust was contained within the building a small amount did escape through an open walkway at the upper part of the building settling local to the area quickly but this may have been visible off site.

(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	

Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	
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.	Small bag-filter (361BF31) had a failure on the rotary valve coupling, the result of this was that the filter then filled up and no longer de-dusted the main kiln feed elevator.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Firstly the failed coupling has been upgraded, from plastic type to metal, this will reduce the risk of any repeat failure. It has also been suggested that a rotation monitor is programmed into the software in order to provide an early warning to avoid the filter filling up in the future. The above work will also be carried out to 361BF32, this is a secondary filter for the kiln feed elevator. Of which will prevent a similar failure occurring which could have similar implications as highlighted in the Part A.
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 kiln was immediately stopped when the emission was noticed, this was to reduce the overpressure occurring from the kiln feed elevator. Immediate repair work will restore the filter back to normal operating condition, whilst further investigation into the issue continued. The site has not received any complaints in regards to this incident.

The dates of any unauthorised emissions from the installation in the preceding 24 months.	26/08/2016 24/11/2016 03/02/2017 30/03/2017 21/04/2017 08/05/2017 24/07/2017 14/08/2017 27/09/2017 28/09/2017 19/10/2017 23/10/2017 03/11/2017 04/11/2017 13/12/2017 21/12/2017 14/01/2018 21/02/2018 28/02/2018 03/03/2018 20/03/2018 04/05/2018 16/05/2018 31/05/2018 03/06/2018 27/07/2018

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Date	02/10/18

* authorised to sign on behalf of Castle Cement Limited