

Schedule 5 -Notification Form

To be completed in the event of breach of Permit as required by Condition 4.3.1.

1. Complete section (a), (b) or (c) as relevant;
2. Sign and date the form
3. Scan and email or fax the form using the contact details below
4. Put signed copy in post and give copy to Environment Coordinator

Part A

Permit Number	EPR/ BL3986ID
Name of operator	Tarmac Cement & Lime Limited
Location of Regulated Facility	Aberthaw Works, East Aberthaw, Barry, CF62 3ZR
Time and date of the detection	16.8.21 (approx. 3pm)

(a) Notification for any malfunction, breakdown or failure of equipment, accident, or fugitive emission that could or is causing significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	16.8.21 (approx. 3pm)
Reference or description of the location of the event	Kiln feed system failure at kiln feed end – leading to sudden dust release from kiln both rear end and cooler end.
Description of where any release into the environment took place	Sudden dust release from the kiln system North Westerly wind
Substances(s) potentially released	Dust (particulate)
Best estimate of the quantity or rate of release of substances	Unable to estimate at this time
Measures taken, or intended to be taken, to stop any emission	Kiln has been taken off and we are clearing kiln system of material to enable us to investigate cause and resolve.
Description of the failure or accident.	Uncertain at the moment but suspect kiln feed control system error.

(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	The kiln schenk head drum had failed on the afternoon of the 16/08/21. Whilst the repairs were underway operators switched the kiln feed system to the standby/emergency Hassler system in order to keep the kiln running. At approx. 2pm the afternoon operator went to make a change to the volume of kiln feed and instead of entering % he entered the number in tonnage which in turn opened the valve on the hassler sending too much feed to the kiln for the system to cope with. As a result, the excess meal pressurised the system causing an uncontrolled release from various points of the kiln system. Kiln was stopped to clear the system of material and to allow operators to investigate cause and resolve.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Investigations found that there were no mechanical issues with the Hassler system or associated infrastructure including preheater tower or elevators.
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	Following an RCA it was concluded that the issue was down to operator error. The system is very rarely used and some staff are not completely familiar with the Hassler system. Training will now be provided to all shift teams by the Kiln Coach to ensure they fully understand how to operate the Hassler System in the event it is ever needed again.

	In addition, a restriction has also been installed on the Hassler system to ensure the dosing valve cannot be opened past a specific point to control feed rates and ensure a large scale overfill is not able to reoccur – removing the likelihood of human error.
The dates of any unauthorised emissions from the regulated facility in the preceding 24 months	2.7.19, 9.7.19, 9.7.19, 17.7.19, 21.8.19, 24.8.19, 29.8.19, 18.9.19, 16.10.19, 18.10.19, 7.12.19, 1.2.20, 11.2.20, 9.3.20, 27.9.20, 9.10.20, 25.3.21, 9.4.21, 1.5.21, 7.7.21

Name	Georgina Taubman
Date	23.8.21
Post	Environmental Coordinator
Signatory authorised to sign on behalf of Tarmac Cement and Lime Ltd.	

Incident notification: 0800 807060 (Freephone, 24 hour service)

Send completed form to:

Natural Resources Wales
Rivers House
St. Mellons Business Park
Cardiff
CF30EY

Fax Number: 029 20362095

Email: elizabeth.parr@naturalresourceswales.gov.uk

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