

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	04/02/2024 @12:00

(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	
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	Main Stack
Parameter(s)	Particulates
Limit	10mg/m3
Measured value and uncertainty	22.90 mg/m3
Date and time of monitoring	04/02/2024@12:00
Measures taken, or intended to be taken, to stop the emission	Kiln came back on for the first time this year on the morning of 03/02/2024 with high particulates readings for the first 24 hours. Filter bag bay 2 has been identified as the probable cause of the issue and has been isolated bringing emissions back down below ELV – current value 8.4 mg/m3 (05/02/2024@09:55). Investigations ongoing while kiln is running to further investigate.

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	Prolonged kiln downtime (>1 month) caused issues with differential pressure and temperature being brought back up to correct levels.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>RCA completed 14/02/2024:</p> <ul style="list-style-type: none"> • Uncertain effect on filter bags following prolonged downtime. Revisit shutdown/restart procedure for bag filter. • No backup data to confirm accurate readings due to one probe in operation. Backup probe on site to be commissioned. • Filter bags not sufficiently coated with dust build up so layer of filter ‘cake’ hadn’t developed caused by low differential pressure over filter. Two bays closed to increase differential pressure and temperature which brought particulate levels back below ELV. • 47 bags replaced in bay 2. • Damper open: Generate work order to investigate.

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	Immediate action taken following breach, including isolation of filter bag bays. Kiln taken back off line to fully investigate. No adverse environmental conditions observed. No complaints received.
The dates of any unauthorised emissions from the regulated facility in the preceding 24 months	22.03.22, 21.04.22, 30.07.22. 12.04.23, 31.07.23, 14.08.23, 20.09.23, 03.10.23

Name	██████████
Date	16/02/2024
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

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