

# 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 |                                                |

### (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                                       | 8pm 27.9.2020                                                                                                                                                                                                                                                                                                      |
| Reference or description of the location of the event            | At approx. 8pm on the 27.9.2020, the number 7 cooler elbow fell off whilst kiln was in operation.                                                                                                                                                                                                                  |
| Description of where any release into the environment took place | On the 27.9.2020, a leak on the elbow flange of cooler tube #7 was reported by the afternoon shift. It deteriorated rapidly and by 8pm the tube had fallen away completely. The elbow fell and was contained within the heavy duty concrete barriers. As a result of this event, a plume of fugitive was released. |
| Substances(s) potentially released                               | Fugitive dust.                                                                                                                                                                                                                                                                                                     |
| Best estimate of the quantity or rate of release of substances   | Hard to estimate.                                                                                                                                                                                                                                                                                                  |
| Measures taken, or intended to be taken, to stop any emission    | The kiln was taken off at 8:30pm and the tubes are gradually cooling down. Spare parts are ready to refit as soon as the tube has cooled sufficiently. We estimate that this repair work will be completed by the end of 29.9.2020                                                                                 |
| Description of the failure or accident.                          | Failure of cooler tube elbow. This elbow has not previously shown any signs of a potential fault or issue. Investigations and repairs will take place on 28.9.2020, as soon as the tube has cooled sufficiently to gain access. Each of the other cooler tube elbows will also be assessed for condition.          |

### (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                   |                            |
| <b>Time periods for notification following detection of a breach of a limit</b> |                            |
| <b>Parameter</b>                                                                | <b>Notification period</b> |
|                                                                                 |                            |
|                                                                                 |                            |
|                                                                                 |                            |

|                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------|--|
| <b>(c) Notification requirements for the detection of any significant adverse environmental effect</b> |  |
| <b>To be notified within 24 hours of detection</b>                                                     |  |
| 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                                                                             | This particular cooler elbow has been identified for replacement during the scheduled shutdown, but it deteriorated quicker than anticipated.                                                                                             |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident                                                                       | Number 7 cooler tube and elbow was successfully replaced on the 29 <sup>th</sup> of September.                                                                                                                                            |
| 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 inspection of the other cooler tubes and elbows and the RCA carried out just after the incident, a review on cooler tubes and elbows replacement was carried out to identify any required planned repair work for the shutdown. |
| The dates of any unauthorised emissions from the regulated facility in the preceding 24 months                                                         |                                                                                                                                                                                                                                           |

|                                                                       |                                                 |
|-----------------------------------------------------------------------|-------------------------------------------------|
| <b>Name</b>                                                           | Georgina Taubman                                |
| <b>Date</b>                                                           | 28.9.2020                                       |
| <b>Post</b>                                                           | Health, Safety & Environmental Business Partner |
| 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](mailto:elizabeth.parr@naturalresourceswales.gov.uk)  
[Antony.leakey@naturalresourceswales.gov.uk](mailto:Antony.leakey@naturalresourceswales.gov.uk)