

# 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 | 03.09.2020                                     |

### (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                              | Emission from main stack (A4 Coal Mil Stack)                                                                                                                                                                        |
| Parameter(s)                                                  | Breach of particulates emission limit. No impact on any other emissions or permit limits.                                                                                                                           |
| Limit                                                         | Permit ELV limit for particulates is 10mg/Nm2 (routine monitoring)                                                                                                                                                  |
| Measured value and uncertainty                                | Coal Mill particulate emission reading of 14.36 mg/m3 recorded following 6 monthly periodic spot sampling by CES undertaken on the 3.9.2020                                                                         |
| Date and time of monitoring                                   | spot sample taken 09:00 – 11:04 on the 3.9.2020                                                                                                                                                                     |
| Measures taken, or intended to be taken, to stop the emission | As part of the sites 6 month periodic particulates emissions monitoring schedule, CES Environmental Instruments came to site to undertake particulate monitoring. Following their monitoring of the Coal Mill Stack |

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|  | <p>(A4) they notified us that the filters appeared dirty so as precaution we carried inspection and discovered deposits of coal on the clean side of the filters – the following day we changed the bags of the whole bay that were found to have coal deposits. We believe that this issue may have lead to the monitoring results given.</p> <p>Following on from their sampling work, CES issued their results report to us on the 24.9.2020. Their official verified data shows the particulates reading was 14.36mg/m4 which indicates a breach. However, this may have been as a result of dirty filter bags, which have now been changed.</p> <p>We are confident that this has addressed the issue and we are now conducting further investigations to gather some indicative measurements. CES have been invited back to site in mid-October to revalidate the tests. Once we have these results we will submit the Part B of this form to NRW with the revalidated results.</p> <p>We do not believe given the relatively low velocity of flow rate, that there have been any wider environmental impacts.</p> |
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**Time periods for notification following detection of a breach of a limit**

| Parameter                                                                                                                                                                                                                                                                             | Notification period |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <p>Scheduled 6 monthly periodic particulates spot sample undertaken on A4 Coal Mill found a Periodic Monitoring Result of 14.36 mg/m3</p> <p>Results received in a final report issued by CES on the 24.9.2020</p> <p>Informed NRW Officer Tony Leahey via email on the 24.9.2020</p> | Within 24 hours     |
|                                                                                                                                                                                                                                                                                       |                     |
|                                                                                                                                                                                                                                                                                       |                     |

**(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 | Details to follow |
| 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                                                                       | Remedial measures were taken following CES's visit in early in September as detailed in Part A above.                                                                                                                                                                                                                                                                                                                                                                                        |
| 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 | CES came back to site on the 3 <sup>rd</sup> Dec (Octobers visit had to be postponed and limited availability meant Dec was the next available date).<br>Following their visit, they have provided provisional results on the 10.12.20 which showed average coal mill emissions have fallen to: PM actual 2.36mg/m <sup>3</sup> & PM dry 3.20mg/m <sup>3</sup><br>This indicates that the remedial work that was undertaken in September following CES's previous visit has been successful. |
| The dates of any unauthorised emissions from the regulated facility in the preceding 24 months                                                         | non                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|                                                                       |                                                 |
|-----------------------------------------------------------------------|-------------------------------------------------|
| <b>Name</b>                                                           | Georgina Taubman                                |
| <b>Date</b>                                                           | 24.09.2020                                      |
| <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)