

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

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| Permit Number | EPR/BL1096IB/V013 |
| Name of operator | Castle Cement Limited |
| Location of Installation | Padeswood Works, Padeswood, Mold. |
| Time and date of the detection | 25.07.2017 at 00:05hrs |

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| (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 | |
| 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. | |

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| (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 | Kiln 4 main stack NOX emission |
| Parameter(s) | 450 Daily average |
| Limit | 450 |
| Measured value and uncertainty | 469 |
| Date and time of monitoring | 24-07-17 00:00-23:59 |
| Measures taken, or intended to be taken, to stop the emission | SNCR system checked and was running as normal, kiln had been running and the SNCR was controlling. Kiln had been running since 00:30 on the 23rd was stopped at 5am on the 24th. |

| Time periods for notification following detection of a breach of a limit | |
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| Parameter | Notification period |
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| (c) Notification requirements for the detection of any significant adverse environmental effect | |
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| 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

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| Any more accurate information on the matters for notification under Part A. | <p>The QAL 2 in the DAHS, reporting software, was updated after receiving the information from the stack testing contractor.</p> <p>The updated QAL2 results were provided to the software engineer to update the values in the control system.</p> <p>These were erroneously updated into a historic NOx calculation which was no longer used, this meant that the SNCR carried on controlling using the previous year's QAL2 function.</p> |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident | <p>The control system QAL2 values have been updated accordingly as per the results from the contractor to match those in the data handling system.</p> <p>A new procedure and reminder has been put in place when updating the QAL2 results in both the DAHS and the control system to ensure all are updated at the same time.</p> |
| 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 | It is not anticipated that there would have been any environmental impact from this breach. |
| The dates of any unauthorised emissions from the installation in the preceding 24 months. | <p>23/08/2015</p> <p>10/09/2015</p> <p>15/10/2015</p> |

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|--|------------|
| | 07/12/2015 |
| | 02/01/2016 |
| | 14/02/2016 |
| | 28/08/2016 |
| | 24/11/2016 |
| | 03/02/2017 |
| | 30/03/2017 |
| | 21/04/2017 |
| | 25/04/2017 |
| | 09/05/2017 |
| | 24/07/2017 |
| | 14/08/2017 |

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| Name* | Robert Keough |
| Post | Q&E Manager |
| Signature | Robert Keough |
| Date | 31/08/17 |

* authorised to sign on behalf of Castle Cement Limited

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