

Schedule 6 - 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

| | |
|--------------------------------|--|
| Permit Number | ZP3331LP |
| Name of operator | eni Liverpool Bay Operating Company Ltd |
| Location of Installation | Talacre Holywell Flintshire CH8 9RD |
| Time and date of the detection | |

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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 | 25/07/2014 08:00hrs |
| Reference or description of the location of the event | Malfunction of SO ₂ & NO _x Analyser on the POA Thermal Oxidiser (TOX) |
| Description of where any release into the environment took place | Release is via TOX stack (Emission point reference – A1) |
| Substances(s) potentially released | Sulphur Dioxide (SO ₂) & Nitrogen Oxide (NO _x) |
| Best estimate of the quantity or rate of release of substances | Average emission levels SO ₂ – 17 mg/nm ³ , NO _x – 31 mg/nm ³ . These were below set environmental limits (SO ₂ – 190mg/nm ³ , Avg NO _x – 120mg/nm ³) |
| Measures taken, or intended to be taken, to stop any emission | The analyser has previously been checked and lamps replaced during a routine analyser service by instrument technician. Monitored SRU / TGU process parameters No excursions prior to instrument failure, Plant conditions remain steady. |
| Description of the failure or accident. | TOX Analyser SO ₂ drifted to low reading. The team instrument technician was called to investigate analyser fault. The analyser lamps were previously changed out after routine analyser checks and the fault developed sometime after this. The analyser checked out and process line back purged to clear any potential blockage the working again but requires monitoring before closing out this notification to prove reliability. |


| (b) Notification requirements for the breach of a limit | |
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| 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 | |
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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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| <p>Any more accurate information on the matters for notification under Part A.</p> | <p>The fault was traced to a faulty solenoid block which affected the auto calibration cycle of the analyser. Once the fault was detected, a temporary solution was put in place to allow the analyser to calibrate accurately and read correctly performing without any errors until the solenoid block was replaced.</p> <p>The local equipment representative, AMCS was contacted to source a replacement solenoid block which was deemed a long lead item.</p> <p>The solenoid block was delivered and installed on 29th November 2014. The analyser was monitored over the last two weeks and the problem is now considered resolved.</p> |
| <p>Measures taken, or intended to be taken, to prevent a recurrence of the incident</p> | <p>A new part has been installed to prevent a re-occurrence in the near future. A spare solenoid block will also be ordered and be kept as part of our critical stock.</p> <p>A contract has now been set up with the local equipment supplier, AMCS to provide faster response.</p> |
| <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</p> | <p>N/A</p> |
| <p>The dates of any unauthorised emissions from the installation in the preceding 24 months.</p> | <p>N/A</p> |

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| Name* | Dhillip Sankoomar |
| Post | Plant Manager |
| Signature |  |
| Date | 17 th December 2014 |

* authorised to sign on behalf of ENI Liverpool Bay Operating Company.