



## 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               | BHP Billiton Petroleum Ltd                   |
| Location of Installation       | Talacre<br>Holywell<br>Flintshire<br>CH8 9RD |
| Time and date of the detection |  |

|   |  |
|---|--|
| <b>(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</b> |  |
| <b>To be notified within 24 hours of detection</b>  |  |
| Date and time of the event  | 07/04/2013 19:57 to 08/04/2013 03:19 hrs   |
| Reference or description of the location of the event   | Abnormal Lower readings of SO <sub>2</sub> & NO <sub>x</sub> 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 <sub>2</sub> ) & Nitrogen Oxide (NO <sub>x</sub> )   |
| Best estimate of the quantity or rate of release of substances  | Average emission levels SO <sub>2</sub> – 30.3 mg/nm <sup>3</sup> , NO <sub>x</sub> – 36.8 mg/nm <sup>3</sup> . These were below set environmental limits (SO <sub>2</sub> – 190mg/nm <sup>3</sup> , Avg NO <sub>x</sub> – 120mg/nm <sup>3</sup> )   |
| Measures taken, or intended to be taken, to stop any emission   | Instrument corrected itself automatically as part of auto-calibration cycle. Instrument readings back to typical values. Equipment Performance being monitored. Monitored SRU / TGU process parameters. No excursions prior to instrument deviation, plant conditions remain steady.   |
| Description of the failure or accident.   | SO <sub>2</sub> and NO <sub>x</sub> readings started drifting lower than typical average values toward zero. These readings normalized after the auto-calibration cycle was completed. It is suspected that low temperature in the sample cabinet is the possible cause.<br><br>An insulation box has been installed around the sample cabinet to maintain the instrument recommended operating temperature. |

|                           |           |
|---------------------------|-----------|
| INITIALS                  | DATE      |
| OK FOR PUBLIC REGISTER    | 15 9.4.13 |
| COPIED TO PUBLIC REGISTER | JB EDM    |

|  |   |
|--|---|
|  | Sample Probes will be removed for inspection of any blockages during upcoming Plant Turnaround in May 2013. |
|--|---|


| (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                | - |

| Time periods for notification following detection of a breach of a limit     |   |
|--|---|
| Parameter  | Notification period                       |
| SO <sub>2</sub> (From analyser start of deviation to auto-calibration cycle) | From 08/04/2013 19:57 to 08/04/2013 03:19 |
| NO <sub>x</sub> (From analyser start of deviation to auto-calibration cycle) | From 08/04/2013 19:57 to 08/04/2013 03:19 |
| -  | -   |

| (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.  | NA   |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident   | Additional insulation put in place around sample cabinet to prevent temperature dropping below normal operating temperature.<br><br>Inspection of sample probes during upcoming Plant Turnaround |
| 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 | NA   |
| The dates of any unauthorised emissions from the installation in the preceding 24 months.  | NA   |

|                  |  |
|------------------|--|
| <b>Name*</b>     | Dhillip Sankoomar  |
| <b>Post</b>      | Plant Manager  |
| <b>Signature</b> |  |
| <b>Date</b>      | 8 <sup>th</sup> April 2013   |

\* authorised to sign on behalf of BHP Billiton Petroleum Ltd.



**Bradford, Julie**

---

**From:** Sankoomar, Dhillip [Dhillip.Sankoomar@bhpbilliton.com]  
**Sent:** 08 April 2013 19:37  
**To:** North-wales-ppc  
**Cc:** Adams, Giovanni G; Jones, Catherine; Sankoomar, Dhillip  
**Subject:** POA Terminal - Notification of TOX Analyser Malfunction 08042013  
**Attachments:** Schedule 6 Part A & B POA 08042013 TOX SO2 analyser abnormal reading.pdf

Dear Sir/Madam,

As per our PPC Permit ZP3331LM, I will like to inform you of a temporary malfunction of our Thermal Oxidizer that continuously monitors emissions of SO2 and NOx gases. The malfunction was short-lived and the analyser self-corrected itself after an auto-calibration cycle. During this temporary malfunction the plant remained steady and there is no indication that any of the emission limits were breached during this period. Additional lagging has been added around the sample cabinet to improve the operating temperature within the sample cabinet which is believed to be the probable cause.

Any questions, please feel free to contact me at the numbers listed below.

Regards,  
Dhillip Sankoomar  
Plant Manager  
POA Terminal  
E-mail Address - [Dhillip.Sankoomar@bhpbilliton.com](mailto:Dhillip.Sankoomar@bhpbilliton.com) Office No. - 01745 88 1205

This message and any attached files may contain information that is confidential and/or subject of legal privilege intended only for use by the intended recipient. If you are not the intended recipient or the person responsible for delivering the message to the intended recipient, be advised that you have received this message in error and that any dissemination, copying or use of this message or attachment is strictly forbidden, as is the disclosure of the information therein. If you have received this message in error please notify the sender immediately and delete the message.  
This message has been scanned and no issues discovered.

