



## 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 Holywell Flintshire 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	14/11/2013 07:16 hrs
Reference or description of the location of the event	Malfunction 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> – 22.3 mg/nm <sup>3</sup> , NO <sub>x</sub> – 35.6 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 taken offline for fault finding and calibration. Monitored SRU / TGU process parameters No excursions prior to instrument failure, plant conditions remain steady.
Description of the failure or accident.	TOX Analyser SO <sub>2</sub> readings drifted to zero. Analyser checked and it was found this was due to a low temperature in the sample conditioning cabinet. This occurred due to the insulation jacket coming loose around the cabinet believed due to high winds. The insulation jacket was replaced and the analyser calibrated and returned to service at 11:46 on the 14 <sup>th</sup> November 2013.

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<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
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.	N/A
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Insulation jacket repaired around sample cabinet. Inspection of insulation surrounding cabinet.
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>	15 <sup>th</sup> November 2013

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



## Bradford, Julie

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**From:** North-wales-ppc  
**Sent:** 21 November 2013 14:57  
**To:** Bradford, Julie  
**Subject:** FW: POA Terminal - Notification of TOX Analyser Failure 14112013  
**Attachments:** Schedule 6 Part A & B POA 14112013 TOX SO2 analyser failure.pdf

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**From:** Sankoomar, Dhillip [<mailto:Dhillip.Sankoomar@bhpbilliton.com>]  
**Sent:** 15 November 2013 13:32  
**To:** North-wales-ppc  
**Cc:** Jones, Catherine; Williams, Lisa L; Adams, Giovanni G; Dodd, Paul P; Sankoomar, Dhillip  
**Subject:** POA Terminal - Notification of TOX Analyser Failure 14112013

Dear Sir/Madam,

As per our PPC Permit ZP3331LM, I will like to inform you of a failure of our Thermal Oxidizer Analyser which continuously monitors emissions of SO2 and NOx gases. The fault was repaired in a quick manner once detected and there were no indications of any emission exceeding limits while the analyser was offline for repair.

I have filled out and attached Part A and B of Schedule 6 of the PPC Permit.

Any questions or concerns, please feel free to contact me via e-mail or on the numbers listed below.

### Dhillip Sankoomar

**Plant Manager**  
**BHP Billiton Petroleum**  
**United Kingdom Production Unit**  
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