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01 OCT 2013

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	

(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	03/08/2013 18:00 to 05/08/2013 16:57
Reference or description of the location of the event	Abnormal Lower readings 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 – 16.8 mg/nm ³ , NO _x – 37.7 mg/nm ³ . These are 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	Instrument Technician investigating fault. Equipment & Plant Performance being monitored. Monitoring SRU / TGU process parameters No excursions prior to instrument deviation, plant conditions remain steady.
Description of the failure or accident.	SO ₂ readings started drifting lower than typical average values toward zero. It was suspected that there was a partial blockage in the sample line to the analyser. The analyser was placed back in service and readings were initially fine. Problem re-occurred again and the analyser lamps were changed out.

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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	-
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	
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.	<p>During the initial investigation it was found there was a cell RTD Failure on the heater which was the source of the problem. The RTD was repaired and the analyser placed back into service. Upon further analysis it was recommended the SO₂ Analyser on the TOX be overhauled in order to improve its reliability and avoid this error from re-occurring.</p> <p>Analyser parts were purchased and the vendor, AMCS, mobilized to site</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	The analyser was overhauled on the 18 th September 2013 by the vendor AMCS.
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	N/A
The dates of any unauthorised emissions from the installation in the preceding 24 months.	04/08/2012 – Filter Blockages during Restart. 30/05/2013 – TGU Reboiler Repair (Authorized)

Name*	Dhillip Sankoomar
Post	Plant Manager
Signature	
Date	1 st October 2013

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

