



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	Pre-notification, as discussed with NRW on 25 th July.

(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	22/08/2013 07:00 hrs
Reference or description of the location of the event	As discussed with NRW on 25 th July 2013, POA Tail Gas Unit to be taken offline on 22 nd August to affect permanent weld repairs on solvent reboiler.
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)
Best estimate of the quantity or rate of release of substances	Approximate emission levels SO ₂ - 1000 to 1250 mg/nm ³ . Approximately 27 kg/hr of SO ₂ via TOX Stack.
Measures taken, or intended to be taken, to stop any emission	Plant to run with TGU by passed (in consultation with NRW) for a temporary period of one week before the POA planned main plant shutdown and two weeks after the plant start-up (due to the reduced shutdown period) whilst TGU repairs are completed. Workscope is to undertake weld repair of the Solvent Regenerator Reboiler & monitor Sulphur Recovery Unit process parameters. Weld repairs to be completed as quickly as possible to allow the return of the Tail Gas Unit back to service.
Description of the failure or accident.	Repair required as a result of the solvent leak from the TGU reported to NRW on 30 th May 2013. A temporary repair was completed at that time; this workscope now is to complete the permanent welded repair.

	INITIALS	DATE
OK FOR PUBLIC REGISTER	EW	28/10/13
COPIED TO PUBLIC REGISTER	JB	EDRM

(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	A1 Thermal Oxidizer
Parameter(s)	Sulphur Dioxide (SO ₂)
Limit	190 mg/nm ³
Measured value and uncertainty	Estimated 1000 to 1250 mg/nm ³ average due to gas quality fluctuations with the exception of start ups/shutdowns affecting plant stability.
Date and time of monitoring	Continuous Monitoring
Measures taken, or intended to be taken, to stop the emission	Shutdown TGU System Permanent Repair of Solvent Regenerator Reboiler Change out of Lean/Rich Solvent Exchanger (opportunity scope within window) Startup of the TGU System

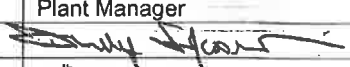
Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
SO ₂ (From breach of consent to return within consent)	From 22/08/2013 09:10 to 03/10/2013 22:40

(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	-

DATE	TIME	INITIALS

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	During TGU downtime, the Lean/Rich Exchanger Plate Pack was changed out as well due to fouling of the plates. SO ₂ emissions returned to specification at 03/10/2013 2240 (hourly average) after completion of repairs. A supplement is attached providing additional information.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	A permanent repair was undertaken on the Solvent Regenerator Reboiler. The equipment has been inspected and pressure tested prior to installation by certified personnel.
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	The period the TGU was down was coincident with the Plant shutdown window of 14 days. No odours onsite were detected during daily activity.
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	15 th October 2013

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

Bradford, Julie

From: Sankoomar, Dhillip [Dhillip.Sankoomar@bhpbilliton.com]
Sent: 15 October 2013 10:12
To: North Wales PPC
Cc: Jones, Catherine; Adams, Giovanni G; Sankoomar, Dhillip
Subject: Schedule 6 Part A & B PPC Notification
Attachments: POA Terminal PPC Permit - Part B Supplement - TGU Reboiler Repair Rev1.pdf;
Schedule 6 Part A & B POA 14082013 TGU Solvent Regenerator Reboiler Weld
Repairs.pdf

Dear Sir/Madam,

Please find the attached completed Schedule 6 Part B for the respective Part A notification submitted on the 14th August 2013.

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

Regards,

Dhillip Sankoomar

Plant Manager
BHP Billiton Petroleum
United Kingdom Production Unit

Point of Ayr Terminal
Station Road
Talacre, Holywell
Flintshire, CH8 9RD
office: +44 (0) 1745 881205
cell: +44 (0) 7824 846428



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