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31 MAY 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	31/05/2013 12:00 hrs
Reference or description of the location of the event	Pinhole Leak of Lean Solvent on the Tail Gas Unit.
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 be re-started with TGU bypassed only after consultation with NRW for a temporary period of time whilst repairs are completed. Undertake a repair of the leak on the Solvent Regenerator Reboiler & monitor Sulphur Recovery Unit process parameters. Repair of the leak is 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.	During a site inspection on the morning of Thursday 30th May, a *lean solvent leak was observed from the Tail Gas Unit (TGU) Solvent Regenerator Reboiler. The plant was then placed in recycle mode and Sales gas export stopped. The TGU was taken offline for inspection. The *Lean solvent is 38% amine:water. The leak was contained locally without entering the drains system.

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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	A1 – Thermal Oxidizer
Parameter(s)	Sulphur Dioxide (SO₂)
Limit	190 mg/nm³
Measured value and uncertainty	1000 to 1250 mg/nm³ (Estimation)
Date and time of monitoring	Continuous from 31/05/2013 1200 hrs
Measures taken, or intended to be taken, to stop the emission	<p>Plant to be re-started with TGU bypassed only after consultation with NRW (hence increased TOX SO₂ emissions in excess of their permitted ELV) for a temporary period of time whilst repairs are completed.</p> <p>Undertake a repair of the leak on the Solvent Regenerator Reboiler & monitor Sulphur Recovery Unit process parameters.</p> <p>Repair of leak to be completed as quickly as possible to allow the return of the Tail Gas Unit back to service.</p>

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
<i>SO₂ from gas export restart.</i>	From 31/05/2013 12:00 hrs
-	-

(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.	-
Measures taken, or intended to be taken, to prevent a recurrence of the incident	-
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 dates of any unauthorised emissions from the installation in the preceding 24 months.	-

Name*	Dhillip Sankoomar
Post	Plant Manager
Signature	
Date	31 st May 2013

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

