

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	EPR/DP3934EW (formerly ZP3331LP)
Name of operator	ENI Liverpool Bay Operating Company
Location of Installation	Talacre Holywell Flintshire CH8 9RD
Time and date of the detection	07:21 12/09/2016

(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	12/09/2016 07:21
Reference or description of the location of the event	POA Terminal - Thermal Oxidiser (TOX) CEMS
Description of where any release into the environment took place	Release is via TOX stack (Emission point reference – A1) due to shutdown of the TGU
Substances(s) potentially released	Sulphur Dioxide (SO ₂) & Nitrogen Oxide (NO _x)
Best estimate of the quantity or rate of release of substances	Calculated figures are approximately 1156 mg/nm ³ of SO ₂ via TOX stack (or estimated 19.6 kg/h SO ₂).
Measures taken, or intended to be taken, to stop any emission	The H ₂ S:SO ₂ ratio will be optimised to reduce emissions. A project plan has been developed and optimized to reduce downtime of the TGU Unit. Daily site perimeter checks will be conducted for signs of any odours.
Description of the failure or accident.	During routine inspection of the lean amine pipework between the Solvent Regenerator Reboiler and the Lean/Rich Solvent Exchanger, areas of corrosion has been identified that can lead to a loss of containment. To eliminate this risk, this section of pipework is being replaced with a new section of pipework.


(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 Oxidiser
Parameter(s)	SO2 (Sulphur Dioxide)
Limit	190 mg/nm3
Measured value and uncertainty	1200 mg/nm3 (+/- 300 mg/nm3)
Date and time of monitoring	Continuous Monitoring
Measures taken, or intended to be taken, to stop the emission	The H2S:SO2 ratio will be optimised to reduce emissions. Daily perimeter checks will be conducted for signs of any odours.

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.	The Tail Gas Unit (TGU) was brought online at 0115 on 9 th October 2016. A fault was detected on the TOX Analyser, after the TGU was brought back online reading higher than expected values. This was subsequently investigated and the final repair on the analyser was completed on 1630 on 12 th October 2016.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	As part of this outage, new pipework was installed to reduce the risk of corrosion in the near future. Two defective valves were also replaced as part of the piping replacement.
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	Regular checks on plant perimeter were done each shift to detect any signs of odour.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	Dhillip Sankoomar
Post	Plant Manager
Signature	
Date	16/10/2016

* authorised to sign on behalf of Eni Liverpool Bay Operating Company Ltd.