

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 UK Ltd. Liverpool Bay Asset
Location of Installation	Talacre Holywell Flintshire CH8 9RD
Time and date of the detection	00:37 13/06/2018

(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	13/06/2018 00:37
Reference or description of the location of the event	The Wet Section of the TGU Unit has been taken offline primarily for replacement of the plates on the Lean/Rich Exchanger that is fouled.
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	Average emission levels SO ₂ – 950 mg/nm ³ , Hourly Average. Environmental limits (SO ₂ – 190mg/nm ³ , Hourly Average)
Measures taken, or intended to be taken, to stop any emission	Work undertaken during a planned shutdown window to minimize emissions. Process Gas Sales was stopped at 0329 13 th June 2018. Plant has been placed in recycle mode.
Description of the failure or accident.	The Lean Rich Exchanger has gotten fouled and performance has deteriorated significantly. The blockages need to be cleared and these plates need to be replaced that requires the wet section of the unit to be taken offline.

(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)	SO ₂ (Sulphur Dioxide)
Limit	190 mg/nm ³

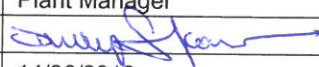
Measured value and uncertainty	950 mg/nm ³ (+/- 300 mg/nm ³)
Date and time of monitoring	Continuous Monitoring
Measures taken, or intended to be taken, to stop the emission	Planned change out of the exchanger plates was done in tandem with a production plant zero gas sales period which commenced at 0329 on the same day. Prior to shut down of the Tail Gas Unit, all parts were checked and relocated to site and project timeline reviewed to ensure the change out was achievable. 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 Lean Rich Exchanger was successively mechanically changed out during the day shift and the Tail Gas Unit was subsequently restarted and returned to service at 0030 on 14 th June 2018. Hourly Average TOX SO ₂ Emissions returned to below permit level at 0145 on 14 th June 2018.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	A brand new clean plate pack was installed. Amine neutralization was undertaken the week before to reduce the amount of contamination in the amine and hence potential for exchanger fouling afterwards and frequency of changeout.
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 majority of the Lean Rich Exchanger plate changeout was undertaken at the same time as a zero production outage. Gas Sales was restarted after the Tail Gas Unit was brought online.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	<ul style="list-style-type: none"> a. 30th April 2018 b. 25th April 2018 c. 11th December 2017 d. 3rd November 2017 e. 4th September 2017

Name*	Dhillip Sankoomar
Post	Plant Manager
Signature	
Date	14/06/2018

* authorised to sign on behalf of ENI UK Ltd. Liverpool Bay Asset