

## 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	eni Liverpool Bay Operating Company Ltd
Location of Installation	Talacre Holywell Flintshire CH8 9RD
Time and date of the detection	

<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	31/07/2014 10:04hrs
Reference or description of the location of the event	Abnormal Lower readings of SO <sub>2</sub> & NO <sub>x</sub> 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 <sub>2</sub> ) & Nitrogen Oxide (NO <sub>x</sub> )
Best estimate of the quantity or rate of release of substances	Average emission levels SO <sub>2</sub> – 20.8 mg/nm <sup>3</sup> , NO <sub>x</sub> – 37.7 mg/nm <sup>3</sup> . These are below set environmental limits (SO <sub>2</sub> – 190mg/nm <sup>3</sup> , Avg NO <sub>x</sub> – 120mg/nm <sup>3</sup> )
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 <sub>2</sub> 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 back-purged to clear the blockage and sample line filters checked. The analyser was placed back in service again and readings were initially fine. Problem re-occurred again and the analyser was then taken off line to clear a

	<p>suspected blockage in the sample line. The analyser sample line was steamed through to the Thermal Oxidiser and then air purged. The analyser is being brought back into service at 09:30hrs on 1/08/14 and will be monitored to ensure reading have improved.</p>
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<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
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	-

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>
SO <sub>2</sub> (From analyser start of deviation)	From 31/07/2014 10:04hrs
NO <sub>x</sub> (From analyser start of deviation)	From 31/07/2014 10:04hrs
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<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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**

<p>Any more accurate information on the matters for notification under Part A.</p>	<p>The fault was traced to a faulty solenoid block which affected the auto calibration cycle of the analyser. Once the fault was detected, a temporary solution was put in place to allow the analyser to calibrate accurately and read correctly performing without any errors until the solenoid block was replaced.</p> <p>The local equipment representative, AMCS was contacted to source a replacement solenoid block which was deemed a long lead item.</p> <p>The solenoid block was delivered and installed on 29<sup>th</sup> November 2014. The analyser was monitored over the last two weeks and the problem is now considered resolved.</p>
<p>Measures taken, or intended to be taken, to prevent a recurrence of the incident</p>	<p>A new part has been installed to prevent a re-occurrence in the near future. A spare solenoid block will also be ordered and be kept as part of our critical stock.</p> <p>A contract has now been set up with the local equipment supplier, AMCS to provide faster response.</p>
<p>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</p>	<p>N/A</p>
<p>The dates of any unauthorised emissions from the installation in the preceding 24 months.</p>	<p>N/A</p>

<b>Name*</b>	Dhillip Sankoomar
<b>Post</b>	Plant Manager
<b>Signature</b>	
<b>Date</b>	17 <sup>th</sup> December 2014

\* authorised to sign on behalf of ENI Liverpool Bay Operating Company