

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 EP Regulations.

Part A

Permit Number	EPR/QP3333WH
Name of operator	Western bioenergy
Location of Facility	Western Wood Energy Plant, Longlands Lane, Margam
Time and date of the detection	10:01 01/06/2021

(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	00:01-23:59 12/05/2021
Reference or description of the location of the event	Daily Average of Nox exceeded
Description of where any release into the environment took place	Main Stack
Substances(s) potentially released	Nox
Best estimate of the quantity or rate of release of substances	278.42 mg/m³ daily average
Measures taken, or intended to be taken, to stop any emission	Reinstatement of SNCR system
Description of the failure or accident.	Plant Trip due to PLC analogue input card

(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	Main stack
Parameter(s)	Nox
Limit	250mg/m³
Measured value and uncertainty	268.72 – <i>The 95% confidence interval for nitrogen oxides and sulphur dioxide of a single measured result shall be taken to be 20%.</i>
Date and time of monitoring	Continuous
Measures taken, or intended to be taken, to stop the emission	Replacement of analogue PLC input card

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Nox	1 Day

(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.	<p>The plant tripped due to a faulty analogue PLC card at 12:57 and resulted in the turbine and plant shutting down. Following the replacement of the analogue card the plant was brought back online.</p> <p>The plant had not stabilised following a return to service by 16:00. The SNCR system required further warming through before it could also return to service following the plant trip to prevent crystallisation of the Urea which would have resulted in filter blockages and restricted flow.</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>We will perform a learning event notification and distribute to all operators to identify the emission issue sooner and report to management irrespective of focusing on plant stabilisation.</p> <p>This is unfortunate, however due to the SNCR system being new there is an element of unfamiliarisation and the need to recommission as soon as possible to mitigate until the system can return to service.</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	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name	Simon Thomas
Post	Plant Manager
Signature	
Date	01/06/21

