

# Schedule 5 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/AB3092CV
Name of operator	Parc Adfer Operations Limited
Location of Facility	Parc Adfer Energy Recovery Facility Deeside
Time and date of the detection	13 <sup>th</sup> August 2020 at 15:00 hrs to 15:29hrs

### **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit 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 <sup>th</sup> August 2020 at 15:00 hrs to 15:29hrs
Reference or description of the location of the event	Continuous Emissions Monitoring System showed a High Level of Carbon Monoxide emission for the period 15:00 hrs to 15:29hrs of 108.52mg/Nm <sup>3</sup> .
Description of where any release into the environment took place	Release to air from site designated emission point A1.
Substances(s) potentially released	Carbon Monoxide
Best estimate of the quantity or rate of the release of substances	Average of 108.52mg/Nm <sup>3</sup> for 30 minutes
Measures taken, or intended to be taken, to stop any emission	Combustion Control System (CCS) automatic correction function to increase secondary air input took place.
Description of the failure or accident.	Emission of CO at a level marginally exceeding the EPR permitted level.

### **(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 stack - breach of ELV for CO for one HHA period.
Parameter(s)	Carbon Monoxide (CO)

Limit	100 mg/Nm <sup>3</sup>
Measured value and uncertainty	108mg/NMm <sup>3</sup> +- 10%
Date and time of monitoring	13 <sup>th</sup> August 2020, for the period 15:00hrs to 15:29hrs
Measures taken, or intended to be taken, to stop the emission	Combustion Control System (CCS) automatic correction function to increase secondary air input took place. This was assisted by manual intervention to further support the remediation of the emissions spike which together were effective in returning CO levels to below IED limits for the subsequent half hour period.


Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
CO ELV 100 mg/m <sup>3</sup>	24 hours

(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	No effect on the environment detected
Substances(s) detected	None
Concentrations of substances detected	N/A
Date of monitoring/sampling	13/08/20

## Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	Ongoing monitoring and a thorough analysis of combustion performance revealed no further detail.
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Measures taken, or intended to be taken, to prevent a recurrence of the incident	Monitoring bed thickness and air flow to minimise future exceedances in the run up to the outage where the combustion and air systems will be inspected and overhauled.
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	No evidence of environmental harm was found
The dates of any unauthorised emissions from the facility in the preceding 24 months.	28 <sup>th</sup> January 2020 8 <sup>th</sup> February 2020 20 <sup>th</sup> February 2020 23 <sup>rd</sup> March 2020 11:30 to 11:59hrs 23 <sup>rd</sup> March 2020 15:00 to 15:29hrs 7 <sup>th</sup> April 21:00am to 21.29am 8 <sup>th</sup> April 00:20am to 0.29am 8 <sup>th</sup> April 10:00am to 10.29am 21 <sup>st</sup> April 2020 at 15:00hrs to 15:29hrs 1 <sup>st</sup> May 2020 at 07:49hrs 1 <sup>st</sup> May 2020 at 14:09hrs 3 <sup>rd</sup> May 2020 CO 15:00 to 15:29hrs 140.92mg/Nm <sup>3</sup> . 30 <sup>th</sup> May 2020 CO 15:00 to 15:29hrs 110.16mg/Nm <sup>3</sup> . 26 <sup>th</sup> June 2020 CO 06:10 to 06:19hrs of 152.23mg/Nm <sup>3</sup> . 13 <sup>th</sup> August 2020 CO 15:00 hrs to 15:29 hrs of 108.52 mg/Nm <sup>3</sup> .

<b>Name*</b>	Jonathan Farebrother
<b>Post</b>	Plant Manager
<b>Signature</b>	
<b>Date</b>	13/08/2020

\* authorised to sign on behalf of the operator