

2nd August 2022

Mr S Ross
Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Dear Mr Ross

PART B REPORT (SCHEDULE 1) – PPC PERMIT NUMBER BU 2357

Please find enclosed the information provided as a Part B report for the following Part A notification:-

Part A ref. N°. 04/01/2022 - A

Yours sincerely
FOR WARWICK INTERNATIONAL GROUP LIMITED



MR PETER BRYANT
HEALTH, SAFETY, ENVIRONMENT & SECURITY MANAGER

TITLE :	Part 'B' Report Form			ISSUE NO.	15.0
REF :	RCF20	AREA:	SITE	DATE OF ISSUE:	08.05.13
RELATED DOCUMENT:	WI 903 App C			PAGE:	2 of 2
FILENAME:	Part B Form 4th January 2022 incinerator high CO TOC			Last printed 31/08/2022 11:08:00	



Part B Notification (schedule 1) in accordance with condition 5 (5.1.1 and 5.1.2) of PPC Permit BU 2357.

REFERENCES

Part A form, Ref. N°. 04/01/2022 - A

Further, more accurate information on the matters for notification under Part A.

On the 4th January 2022 it was identified, from the Management Information System (MIS) trend, that the emissions of carbon monoxide and total organic carbon exceeded the permitted emission limit. The average emissions of carbon monoxide over the 24-hour period were 147.7mg/m³ against a limit of 100mg/m³. The average emissions of TOC over the 24-hour period were 22.7mg/m³ against a limit of 20mg/m³.

It is understood that when the carbon monoxide emission levels from the incinerator begin to rise there is a high possibility that there is a collection of un-burnt residues that has formed just below the burner matrix in the incinerator furnace tube. When this is detected, the standard procedure is to shut off the residue feed to the incinerator and to switch over to a gas burn. During this gas burn, the collection of residue material will slowly burn off until it has all been incinerated. The incinerator unit can then be cooled down and the burner lance can be removed to inspect the tip. Investigation of this incident indicated that there had been a build-up of residue material inside the furnace tube.

Measures taken (or intended to be taken) to prevent a recurrence of the incident.

One of the previous faults identified with the burner lance is that the tip has started to unscrew, and the residue material is leaking down the path of the threads. This problem was overcome by tack welding the burner tip onto the lance.

Measures taken (or intended to be taken) to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission.

It is thought that there was no measurable environmental impact as a result of this incident/emission.

Dates of unauthorised emissions from the installation in the previous 24 months.

08/01/2020, 01/02/2020, 03/02/2020, 18/02/2020, 30/04/2020, 12/05/2020, 12/06/2020, 11/08/2020, 20/09/2020, 06/11/2020, 30/11/2020, 12/01/2021, 24/03/2021, 23/04/2021, 28/05/2021, 04/01/2022, 16/01/2022.