

14th May 2021

Mr I Oakes
Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Dear Mr Oakes

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°. 23/04/2021 - A

Yours sincerely
FOR WARWICK INTERNATIONAL GROUP LIMITED



MR PETER BRYANT
HEALTH SAFETY & ENVIRONMENT 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 23rd April 2021 high NOx emission			Last printed 14/05/2021 10:10:00	



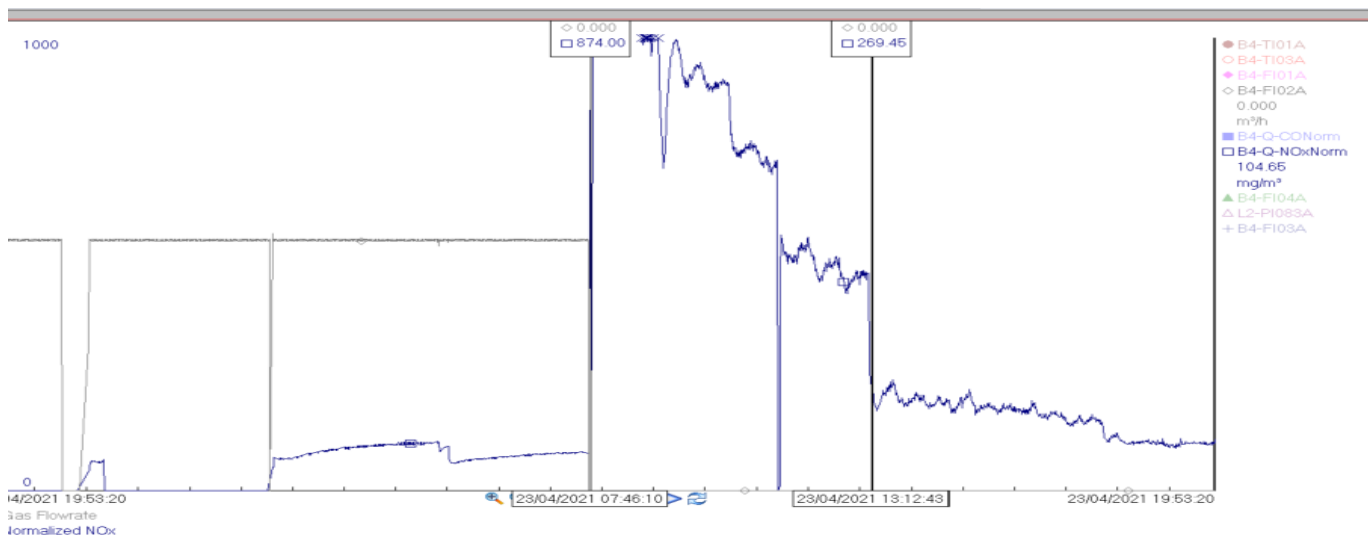
Part B Notification (schedule 1) in accordance with condition 5 (5.1.1 and 5.1.2) of PPC Permit BU 2357.

REFERENCES

Part A form, Ref. N°. 23/04/2021 - A

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

This NO_x consent breach was identified when the monthly data was being processed. Reviewing the Management Information System (MIS) graph data it can be seen that the incinerator had been not been burning residues. The unit was started up with the usual initial high NO_x emission levels. Start-up procedure is relatively easy and well managed and results in the NO_x emissions coming down below the 400mg/m³ limit relatively quickly. On this occasion there were some other production issues that required focus and the application of the appropriate quantity of steam to the injection nozzle was carried out a couple of times before it became effective. This can be seen from the graph below. The initial surge of NO_x emissions up to ~874mg/m³ started at 07.46hrs and, although the steam was applied on several occasions it was not fully effective until 13.12hrs when the NO_x emissions dropped to 269mg/m³ and then reduced from there to the usual levels.



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

The manufacturing staff are aware that the application of the steam to the injection nozzle is a requirement during the start-up process to reduce the NO_x emissions to below the consent limit. The application of the steam is a balance of timing and quantity. Once the residue burn has been established the steam application is then carried out in stages in order to reduce the NO_x levels. Occasionally, it is difficult to get this balance correct, and this was one of those occasions. Operating procedures and operator competence have been checked and found to be suitable.

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 no measurable environmental damage has occurred as a result of this incident.

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

10/04/2019, 13/06/2019, 11/09/2019, July-November 2019, September – November 2019, 01/01/2020, 02/01/2020, 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.