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20 MAY 2013

20th May 2013

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. No. 06/05/2013 - A

Yours sincerely
FOR WARWICK CHEMICALS

MR PETER BRYANT
HEALTH SAFETY & ENVIRONMENT MANAGER

	INITIALS	DATE
OK FOR PUBLIC REGISTER	<i>[Signature]</i>	21/5/13
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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°. 06/05/2013 - A submitted to the Environment Agency on 07/05/2013.

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

On the 6th May 2013 at 11.35hrs there was an emission of acetic acid vapours from Emission point A1, Tank farm 1 scrubber vent stack.

The acetic acid emission occurred as a result of an exotherm in the acetic anhydride storage tank. Following some mechanical failures on the distillation unit water was pumped into the storage tank where it reacted with acetic anhydride. As the tank temperature rose the vapours generated overcame the tank farm scrubbing system and vapours were emitted from the scrubber stack.

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

Modifications have been made to Distillation Unit 4 to prevent a reoccurrence. Other production areas on site have been assessed to determine if there is the possibility of a similar incident.

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.

The emission of acetic acid vapours were confined to a small area on site. The site emergency response team set up monitors by the tank farm and applied a water curtain in the area round the scrubber unit to knock out any acetic acid vapours that were coming from the scrubber vent. This was achieved very quickly with the acetic acid smell becoming undetectable within a short time.

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.

12/05/2011, 18/10/2011, 14&15/01/2012, 6&7/08/2012, 19/08/2012, 20/09/2012, 28/11/2012, 13/01/2013.