

Schedule 1 – 5.1.1 Notification

PART B

Permit Number:	BR9715B
Name of Operator:	Solutia UK Ltd
Location of Installation:	Corporation Road, Newport, Gwent, NP194XF
Location of the emission:	From the 'Dequest 2010' process
Time and date of the emission:	10/01/2016 at 05:10

Any more accurate information on the matters for notification under Part A	Following the event, the incident was logged locally, ref: 19064, and an incident investigation was carried out with the following findings: The Glacial Acetic Acid was released in liquid phase at approximately 30C, the quantity was estimated at approximately 2000kg based on inventory levels The fixed fire protection (deluge) system was used to abate the associated vapours, preventing off site impact. The resulting liquid was collected within the plant drains, and pumped to the effluent treatment plant via local collection tank. No adverse effect was noted on the effluent discharge The meteorological conditions at the time were: dry, with a 0-5 mph westerly wind. There were no complaints received from neighbours The failure mechanism of the PTFE lined lagged steel pipe was identified as 'corrosion under insulation' (CUI). The two yearly inspections did not identify any issues, however subsequent investigation noted that a breakdown of the weather barrier at the flange insulation box allowed water ingress into the mineral fibre insulation, thereby causing the CUI
Measures taken, or intended to be taken, to prevent a recurrence of the incident	All of the remaining length of PTFE lined carbon steel pipe on glacial acetic acid duty, to be stripped of lagging & inspected A review of pipework: containing potentially hazardous substances, and susceptible to CUI to be undertaken, and the inspection regimes adjusted accordingly

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	None proposed, all contained on-site
The dates of any unauthorised emissions from the installation in the preceding 24 months	10/01/2016 - Venting of HCl & Acetic Acid [This Notification] 04/01/2016 - Catch Tank Vent, HCl / Acetic release 28/04/2014 - HCl vapour to atmosphere

* Signed:



Date: 20/01/2016

* authorised to sign on behalf of Solutia UK Ltd