

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:	Therminol 3 – Furnace Emissions [A26 A28 A29]
Time and date of the emission:	09/03/2017

Any more accurate information on the matters for notification under Part A	The NOx emission results are as stated on the Part A. These were the first post start-up tests conducted on the new TH3 plant See below for additional detail
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Following the Part A Notification, a series of sampling campaigns were conducted, in an attempt to find the optimum furnace conditions on each of the units. An update is supplied in each instance: • Santowax Furnace A29 - Targeted initially due to being the smallest unit. In-house monitoring in 05/17 resulted in a compliant set-point. Confirmed by external re-test 06/17 • Biphenyl Furnace A28 - Upon the Santowax Furnace being confirmed as compliant, a similar exercise was conducted on the Biphenyl. The re-test was effectively the statutory half yearly test 08/17, and was similarly compliant • Pyrolysis Furnace A26/A27 – The pyrolysis furnace(s) were unavailable for re-test during recent monitoring visits, however internal measurements have indicated out-of-specification NOx levels consistent with the original Part A. Attempts at optimisation have not yielded the required NOx reduction. A number of additional trials, and alternative options are under review

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
The dates of any unauthorised emissions from the installation in the preceding 24 months	11/07/2017 - Benzene CO ₂ vent 10/04/2017 - NOx on TH3 Furnaces [This Notification] 12/08/2016 - Benzene Transfer Line 28/06/2016 - Boiler 16 NOx emissions 23/02/2016 - Bellows Failure 26/01/2016 - W1 pumping during cease discharge 10/01/2016 - Acetic Acid pipe failure 04/01/2016 - Catch Tank Vent, HCl / Acetic release

*** Signed:** 

Date: 04/09/2017

* authorised to sign on behalf of Solutia UK Ltd