

Schedule 5 – Notification

PART B

Permit Number:	BR9715IB
Name of Operator:	Solutia UK Ltd
Location of Installation:	Corporation Road, Newport, Gwent, NP194XF
Location of the emission:	Therminol plant – Biphenyl loading bay
Time and date of the emission:	07/03/22 at 14:58

Any more accurate information on the matters for notification under Part A	As per the Part A Notification, approximately 180kg of molten Biphenyl was released during a routine tanker loading operation. Effectively the tanker was overfilled resulting in a spillage from the ‘filling mad-lid’ (located on the top of the tanker) thereby contaminating the side of the vehicle and adjacent ground area. As described previously, ‘Biphenyl is solid at room temperature, and so immediately solidified upon release, thus aiding the subsequent clean-up’ The incident investigation identified that the Biphenyl charge meter did not stop at its set point, and the high-level switch did not activate The respective reason for these failures being attributed to; a sequencing error, and a likely design error of the limit switch arrangement
Measures taken, or intended to be taken, to prevent a recurrence of the incident	The following actions were identified in order to prevent a reoccurrence of such an event: • Re-configuration of the filling sequencing (Complete) and document as appropriate • Modification to the high-level switch arrangement to eliminate the potential for airlocks (Complete) • Review other Therminol loading bays to confirm no similar sequencing and high-level switch issues (Complete)

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	18/07/2022 - Effluent Pipeline Offsite 14/07/2022 - Effluent Hg 07/03/2022 - Biphenyl Tanker [This Notification] 30/09/2021 - Effluent Cease Discharge 09/09/2021 - Offsite Effluent Pipeline 21/08/2021 - Boiler 14 NOx 30/06/2021 - Dequest Formalin Pump Leak 09/06/2021 - Effluent Pipeline leak 22/01/2021 - Dequest Scrub Water Tank Overflow 23/12/2020 - Effluent Flood Discharge

*** Signed:**



Date: 28/11/2022

* authorised to sign on behalf of Solutia UK Ltd