

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 – CO ₂ vent
Time and date of the emission:	25/10/2017, and 14/01/2018

Any more accurate information on the matters for notification under Part A	No additional information to report in terms of quantities The main factor associated with a release of this kind, is considered to be the pressure differential between; the CO₂ purge system, and the process line. Although isolations are implemented, passing valves can enable liquid to seep into purge system – and in such instances, discharge via a small weep-hole in the CO₂ vent pipework
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Capital project plan initiated to increase the CO₂ purge gas pressure to 10 Bar. This effectively removes the reliance on isolation & non-return valves alone, as the pressure difference itself will prevent any ingress into the purge system(s) The project is scheduled to be completed in the 03/2018 shutdown
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	15/01/2018 - Benzene CO₂ vent [This Notification] 09/01/2018 - PCP in effluent 30/10/2017 - Acetone coupling failure

	25/10/2017 - Benzene CO ₂ vent [This Notification] 11/07/2017 - Benzene CO ₂ vent 10/04/2017 - NOx on TH3 Furnaces 12/08/2016 - Benzene Transfer Line 28/06/2016 - Boiler 16 NOx emissions 23/02/2016 - Bellows Failure
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*** Signed:**



Date: 31/01/2018

* authorised to sign on behalf of Solutia UK Ltd