

Schedule 5 Notification

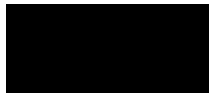
PART B

Permit Number:	BR9715IB
Name of Operator:	Solutia UK Ltd
Location of Installation:	Corporation Road, Newport, Gwent, NP194XF
Location of the emission:	Site Effluent Discharge W1
Time and date of the emission:	Ref; Notifications on 23/12/2023, and 09/06/2023

<p>Any more accurate information on the matters for notification under Part A</p>	<p>As per the Part A Notifications, there were exceedances of the limit for formaldehyde on the week(s) preceding the specified dates</p> <p>At the time of the initial Notification there were a number of potential factors that could have contributed to the elevated levels of formaldehyde observed in the final effluent discharge – namely; process contribution, ineffective treatment, third party contribution, storage sources, and sampling methodology. Notably, this was considered at the time to likely be an issue of extended duration, with potentially complex solutions</p> <p>Hence - whilst the investigation was ongoing, formaldehyde concentration levels Vs the 10 mg/l consent level were routinely reviewed & reported in conjunction with the associated effluent discharge volumes. Throughout this period, the only x2 exceedances comprised those Notified via the Part A submissions (referenced above), to which this Part B relates. Rather than a protracted issue as was originally envisaged, the x2 Notifications related to discrete events;</p> <ul style="list-style-type: none"> • In the first instance, a malfunctioning control valve did not fully close. This resulted in an amount of effluent therefore bypassing the effluent treatment process. This valve was subsequently swapped out during the following shutdown period • The second event was an overflow of the Dequest Amino ‘Scrub Water Tank’ (SWT) which similarly then did not then undergo treatment as intended. This overflow was caused by a level gauge malfunction for ~4hrs, which resulted in the 13.1 mg/l concentration level observed. The process was shut-down whilst the level device was repaired
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Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>Action items:</p> <ul style="list-style-type: none"> • The specific events were rectified as described above • Ongoing discussions to better quantify 3rd-party contributions • In addition, a review is to be conducted as to whether an additional alarm or trip could / should be implemented, as there is insufficient access to the vessel for an additional level device to be installed
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	<p>None proposed</p>
The dates of any unauthorised emissions from the installation in the preceding 24 months	<p>17/04/2024 – Boiler 16 CO 08/01/2024 - Dequest Amino Recirc Line 14/12/2023 - Formalin in Effluent [This Notification] 12/12/2023 - Boiler 16 CO 04/12/2023 - Effluent Cease Discharge 17/11/2023 - Effluent Pipeline Offsite 13/10/2023 - Benzene Release to Separator 15/09/2023 - Boiler 16 CO 29/08/2023 - Effluent Circulation Pipeline Leak 06/09/2023 - Formalin in Effluent 06/02/2023 - Dequest Amino 24/11/2022 - Effluent Cease Discharge 14/07/2022 - Effluent Hg</p>

*** Signed:**



Date: 09/05/2024

* authorised to sign on behalf of Solutia UK Ltd