

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	EPR/BB3790FX
Name of operator	ALUK (GB) Limited
Location of Facility	Chepstow Aluminium Treatment Plant Newhouse Farm Industrial Estate, Chepstow, NP16 6UD
Time and date of the detection	18.38 01/09/2020

(a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment

To be notified Immediately	
Date and time of the event	na
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a permit condition

To be notified immediately	
Emission point reference/ source	S1 on site plan in Schedule 7
Parameter(s)	Total Aluminium
Limit	2mg/L
Measured value and uncertainty	2.56mg/L
Date and time of monitoring	01/09/2020 18.38hrs
Measures taken, or intended to be taken, to stop the emission	Plant not in operation and no discharge present at time of ELV breach

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Aluminium	Immediately

(c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment:

To be notified immediately	
Description of where the effect on the environment was detected	na
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	During the downloading of the AI monitor data it was noticed that an AL ELV breach of 2.56mg/L had occurred between 18.38hrs and 22.08hrs. Documentation confirms that the Effluent Treatment Plant had been turned off at 17.45 hrs. The AI value at 17.45hrs was 0.483mg/L. Partech have informed Aluk to expect spikes in the data when operations have ceased. This is due to air entering the AI Monitor inlet pipe bore reducer hose during sampling when discharge stops. Partech confirm that the AI monitor sample frequency is set to a perpetual sampling frequency of 1hr and that the software does not permit the user to select a start and stop time for sampling. As this may mean that subsequent spikes could reappear when sampling during out of work hours, Partech have recommended that Aluk pause the sampling during out of work hours and re start sampling on ETP start up. As this is a manual process the documentation currently used will ensure that the AI monitor is restarted at the beginning of each shift. In addition, Aluk is working towards implementing an MCERTS flow meter. It is anticipated that the inlet pipe bore reducer hose of the AI monitor will be relocated to a location that ensures that air will not enter the system.
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Measures taken, or intended to be taken, to prevent a recurrence of the incident	Full technical review of water treatment plant as per IC 2a & b to be carried out.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	E4 of CAR 36841 expects AluK to instigate a procedure for preventing effluent discharge to sewer. AluK has identified a solution to allow all filter press effluent to be diverted into a holding tank. This is our priority and the modifications are planned for 5 th & 6 th September.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	09/07/2020, 18/07/2020, 20/07/2020, 12/08/2020, 12/08/2020, 16/08/2020, 19/08/2020, 26/08/2020 & 01/09/20

Name*	Toby Ambler
Post	Health, Safety & Environmental Manager
Signature	<i>Toby Ambler</i>
Date	03/09/2020

* authorised to sign on behalf of the operator