

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	18.02hrs 08/09/2020

(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	2.403mg/L
Date and time of monitoring	08/09/2020 18.02hrs
Measures taken, or intended to be taken, to stop the emission	The Effluent Treatment Plant was turned off at the time of the sample reading.

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.	Investigations noted that the 3 x pH probes located in the Effluent Treatment Plant (ETP) were calibrated prior to the Al ELV breach occurring at 18.02hrs. It is noted that the calibration procedure requires the ETP to be turned off. This in turn means that there is no discharge to sewer whilst the 3 x pH probes are calibrated. We have also noted that the Al monitor continued to sample at 18.02hrs whilst there was no discharge to sewer. We believe that air was introduced into the Al monitor during sampling causing the ELV breach. The next sample indicated a value of 1.778mg/L.
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. AluK have now implemented a procedure to prevent discharge from the filter press when an ELV value is breached. In addition, AluK have identified a procedure to prevent discharge from the decantation tank. The trial is taking place today 9th September 2020.

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 have now implemented a procedure to prevent discharge from the filter press when an ELV value is breached. In addition, AluK have identified a procedure to prevent discharge from the decantation tank. The trial is taking place today 9th September 2020.
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, 01/09/2020 & 01/09/2020

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

* authorised to sign on behalf of the operator