

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	19:18 hrs 25/01/2021

(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	2.311 mg/L
Date and time of monitoring	25/01/2021 19.18hrs
Measures taken, or intended to be taken, to stop the emission	Filter press was immediately turned off to prevent discharge to sewer whilst investigations were undertaken.

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.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	At 19.18hrs on the 25th January 2021 an Al ELV breach of 2.311 mg/L occurred. The filter press was immediately turned off and a manual sample was subsequently undertaken at 19.36hrs this reading was higher at 2.652 mg/L. The Effluent Treatment Plant was not turned back on and the shift finished at 20.00hrs. Investigations conducted in the morning of the 26th January identified that the filter press discharge was clear. It was noted that reading of the reagents blank (zero calibration) cycle was above the recommended value of 0.030. The value recorded was 0.031. This value of 0.031 indicates that the deionised water is contaminated. As a precaution we immediately replaced the deionised water and checked our stock of deionised water. The stock was found to be within parameters. A zero-calibration cycle was initiated, and a value of 1.620 mg/L was recorded 08.05hrs. A sample is being prepared for analysis by our external laboratory.

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	AluK is in a process of implementing permanent solution for the effluent plant to avoid manual handling and issues with AI monitoring including redirecting the effluent to the beginning of the ETP in case of the issue in the reactors or sedimentation tank. Due to COVID-19 the project is to be finalised by the end of March 2021.
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, 08/09/2020, 21/09/2020, 13/10/20, 27/10/2020, 10/12/2020, 11/12/2020 & 15/12/2020

Name*	Toby Ambler
Post	Health & Safety & Environmental Manager
Signature	<i>Toby Ambler</i>
Date	26/01/2021

* authorised to sign on behalf of the operator