

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	09:53hrs 09/09/2022
(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 (AI monitor)
Parameter(s)	Total aluminium
Limit	2mg/L
Measured value and uncertainty	2.2mg/L 15%
Date and time of monitoring	09/09/2022 09:53 hrs
Measures taken, or intended to be taken, to stop the emission	i2Analytical Laboratory analysis 22-83518 of an AluK split sample taken at 09.53hrs on 9 th September 2022 indicated a Total AI ELV exceedance of 2.2mg/L and a Dissolved AI ELV exceedance of 2.1mg/L. The onsite AI monitor values recorded on our AI check sheet at 09.53hrs on the 9 th September 2022 indicated a value of 0.205mg/L.

	It is noted that Welsh Water had issued AluK on the 14th September 2022 an early notice of sample failure relating to the Welsh Water split sample taken at 09.55hrs on the 9th September 2022. The notice referred to an Ammoniacal Nitrogen Trade Effluent condition exceedance of 32.4mg/L. In addition, Welsh Water had issued Aluk on the 16th September an early notice of sample failure relating to the same split sample taken at 09.55hrs on the 9th September 2022. The notice referred to an AI Trade Effluent condition exceedance of 2.5mg/L (uncertainty 4.21%). i2Analytical Laboratory analysis 22-8351 of a sample taken at 14.16hrs on 9th September 2022 indicated a Total AI ELV compliance of 1.1mg/L and a Dissolved AI ELV compliance of 1mg/L. Investigations have determined that the root cause of the AI ELV parameter exceedance relates to a build-up of sedimentation within the drainage channels that occurred between Tuesday 7th June 2022 and Tuesday 30th August 2022. Records indicate that channel cleaning activities had taken place on Tuesday 7th June and Tuesday 30th August 2022. The timing of the channel cleaning activity that had taken place on Tuesday 30th August 2022 has also been taken into consideration as this process takes between 5 to 6 working days for the discharge of the cleaning activity to flow from the channel sump pit to the Effluent Treatment Plant. In this case and due to low volume production, bank holiday and non-production days the channel discharge would have occurred on or around the 9th September 2022.
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Total aluminium	24 hours

(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	The current cleaning regime of the drainage channels of every 3 months will be revised during the summer months of May to August and will take the form of a risk-based approach taking into account temperature, visual sediment and when the filter press and cloths are cleaned using the cleaning bays.
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, on Wednesday 21 st September 2022 at 09:07hrs, contacted Partech requesting Partech to attend site and investigate the discrepancy of the i2Analytical Laboratory results and the results of the onsite AI monitor.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	21/09/2020, 13/10/20, 27/10/2020, 10/12/2020, 11/12/2020, 15/12/2020, 25/01/2021, 26/01/2021, 28/01/2021, 17/02/2021, 05/03/2021, 06/04/2021, 19/04/2021, 29/04/2021, 14/05/2021, 07/06/21, 21/06/2021, 08/11/2021, 26/11/2021, 04/01/2022, 08/02/2022 & 07/04/2022
Name*	Toby Ambler
Post	Head of Health, Safety, and Environment
Signature	<i>Toby Ambler</i>
Date	21/09/22

* Authorised to sign on behalf of the operator