

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	07.21 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	2.140mg/L
Date and time of monitoring	01/09/2020 07.21hrs
Measures taken, or intended to be taken, to stop the emission	Filter press turned off.

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.	At 07.45hrs I was informed that a breach in our AI consent level had occurred. The value recorded at 07.21hrs was 2.140mg/L. The filter press was immediately turned off and a subsequent reading of 1.460mg/L taken at 07.44 hrs indicated that the AI value had dropped below the ELV of 2mg/L. It was noted that the Effluent Treatment Plant (ETP), due to the Bank Holiday weekend, had not been in operation for 3 days and that it had only been in operation for 1hr 21 minutes before the AI ELV breach occurred. In addition, it was also noted that both the decantation tank and filter press were discharging at the time of the breach. Samples of both emissions have been taken and sent to the laboratory for analysis. The operator observed that at the time of the ELV breach the filter press pressure was at 8.08bar. With the filter press turned off it was decided to open the press plates. The filter plates functioned correctly discharging dry cake. The filter cloths were fitted correctly and in place. The operator also observed that the suspended floc contents of the flocculation tank were of a small size.
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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

Name*	Toby Ambler
Post	Health, Safety & Environmental Manager
Signature	<i>Toby Ambler</i>
Date	01/09/2020

* authorised to sign on behalf of the operator