

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	07:09 hrs 07.04.22

(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/ml
Measured value and uncertainty	2.9mg/ml
Date and time of monitoring	07/04/2022 7.09 hrs
Measures taken, or intended to be taken, to stop the emission	W/C 4 th of April two samples were collected. First split sample was collected when Welsh Water was onsite on the 6 th April at 10.21 a.m. and another standard sample was collected on the 7 th April at 7.09 a.m. On the 6 th and 7 th of April Aluminium reader showed acceptable values at this time 0.033 mg/l and 0.5mg/ml,

	respectively, so no action was taken immediately. After receiving the results from the I2Analytical, we have noticed that results from the 6th of April were satisfactory and the results on the 7th of April presented Al exceedance of 2.9 mg/l. During the investigation we have checked all the parameters of the ETP from the 7th of April including alarms, pH probes, control documents, maintenance call outs and Al monitor service report from the 4th of April. Unfortunately nothing was found that could cause the Al breach. On the 25th of April, ETP was serviced by external company. During the service all sand filters, active carbon filters and resin were changed. Additionally, new pump was installed to improve the filtration process and all ETP installation was checked. AluK, also, introduced new ETP check system to monitor the process every 30 mins.
--	---

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	<i>On the 8th of April another set of samples were sent to I2Analytical and results were satisfactory.</i> <i>On the 25th of April, ETP was serviced by external company. During the service all sand filters, active carbon filters and resin were changed. Additionally, new pump was installed to improve the filtration process and all ETP installation was checked.</i> <i>Recommendations given by PCA (external company) to improve the process are now being investigated and introduced.</i>

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	<i>AluK introduced new ETP check system to monitor the process every 30 mins which included checks of the pH probes, decantation, filters press and flocculent tank/dosing system.</i>
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, 25/01/2021, 26/01/2021, 28/01/2021, 17/02/201, 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*	Shane McDonald
Post	Health, safety, and environment manager
Signature	<i>SMD</i>
Date	13/05/2022

* Authorised to sign on behalf of the operator