

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	07.46 hrs 11/09/2020

(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	2.147 mg/L
Date and time of monitoring	11/12/2020 07.46hrs
Measures taken, or intended to be taken, to stop the emission	AI monitor was forced to take another reading to confirm the first one when the bridge occurred.

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	An AI ELV breach of 2.147 mg/L occurred at 07.46hrs. Investigations were undertaken immediately after the breach had been reported. It was noted that AI monitor was turned on at 07.34 hrs when effluent plant started discharging effluent to the sewer and first reading was done at 07.46 hrs. It was noted that the Effluent Treatment Plant had been in operation at 06.00 (start of the shift) and 8.12 hrs all the relevant parties were informed about the breach. It was questioned why AI Analyzer samples were taken so late and if filter press were not discharging to sewer. Investigations highlighted the following: 1. Routine cleaning of the Effluent Treatment Plant pipework was undertaken on the 11th December in the morning after 6.00hrs. 2. The current procedure for the AI monitor hourly sampling is for the sampling to take place during operational hours. This prevents air from entering the AI monitor when there is no discharge during non-operational hours and giving a false reading.

	The operators were questioned why, the first reading was taken so late at 07.46hrs, was there discharge to sewer when the Effluent Treatment Plant was turned on at 6.00hrs. The operators stated that with the AI monitor sampling during operational hours and knowing that false readings could occur if there was no discharge. Therefore, AI monitor was turned on only when the discharge occurs after effluent plant was turned. Also, it was stated that there was an issue with the effluent HMI panel, so filter press was not in operation and some of the pumps were stopped so there was no discharge. 3. The operator did confirm that second reading was taken at 7.55 hrs to confirm the first reading and the value was 0.835 mg/l It is planned for the pipe bore reducer to be relocated to a permanently submerged position when the MCERTS flow meter is installed.
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. Project is to be finalised by the end of January.
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

Name*	Anna Plesniar
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Signature	<i>Anna Plesniar</i>
Date	11/12/2020

* authorised to sign on behalf of the operator