

SCHEDULE 5 Notification

Part B

Permit Number:	BL7108IM
Name of Operator:	Tata Steel UK Ltd
Location of Facility:	Port Talbot Works
Part A details	S5N/22/13A and S5N/22/36A
Date Part A submitted	22/02/2022 (13A); 03/05/2022 (36A)

Any more accurate information on the matters notified under Part A	- This Part B applies to Part A notifications S5N/22/13A and S5N/22/36A. 13/02/2022 – 19/02/2022 the weekly average for Fe at the LSO was 11.4 mg/l (measured value). 24/04/2022 – 30/04/2022 the weekly average for Fe at the LSO was 9.56 mg/l (emission value). - On the weekend of the 19th and 20th of February, 15 tonnes of FCS (spent pickle liquor) were sent down from the Acid Neutralisation Plant to the Effluent Plant Sludge Tank. This material was processed through the filter press on Monday 21st February which is when the lab results were identifying spikes in the LSO results for Fe. The Final Effluent sample was also seeing spikes of Fe. - Similarly in April, there was a significant quantity of Fe processed early in the week, which coincided with the spikes in Fe. - Furthermore, the Press cloths in Cold Mill Effluent need replacement, as many are faulty and as a consequence letting through increased suspended solids to the clarifier.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	- A new contract for the Cold Mill Effluent Treatment Plant will be signed by the end of May. Part of this new contract stipulates that 10,000 tonnes of FCS will be taken offsite every year and sold to water treatment companies, which will mean a significant reduction in FCS required to be processed through the Cold Mill Effluent Treatment Plant. - Two more FCS tanks are to be installed at Cold Mill Effluent Treatment Plant, which will double the storage capacity of FCS. This should allow the plant operators to feed FCS through the presses more gradually, reducing spikes in FCS processing. - New cloths have been purchased for Press 1. - The stock number of cloths in store has been increased from 20 to 70, enabling the Energy department to replace all 70 cloths on Press 1 straight away without lag times on delivery in future.	
Measures to be taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	- The Fe results are evaluated on a daily basis by the Environment department, and if high the Cold Mill Effluent pipe is diverted into the Nautilus to aid with settlement of suspended solids, as much of the Fe is insoluble. - Polymer is now being dosed to the nautilus to aid with the settlement of suspended solids.	
The dates of any Part A notifications in the previous 24 months	Please see attached Excel sheet.	

Name*	Ellie Harrison
Post	Environmental Engineer
Signature	
Date	12/05/2022
Reference	S5N 22 13B