

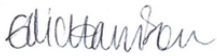
## SCHEDULE 5 Notification

### Part B

Permit Number:	BL7108IM
Name of Operator:	Tata Steel UK Ltd
Location of Facility:	Port Talbot Works
Part A details	S5N/22/42A
Date Part A submitted	16/05/2022

<p>Any more accurate information on the matters notified under Part A</p>	<ul style="list-style-type: none"> <li>• This Part B applies to Part A notification S5N/22/42A.</li> <li>• 08/05/2022 – 14/05/2022 the weekly average for Fe at the Long Sea Outfall (LSO) was 5.58 mg/l (measured value). The emission value was 5.08 mg/l following the application of uncertainty.</li> <li>• A number of issues have been identified at Cold Mill Effluent Treatment Plant which contributed to the iron breach at the LSO.</li> <li>• During the week the Cold Mill Effluent Plant was processing above average quantities of FCS, which is a waste product from the pickling process which is high in Fe and suspended solids and typically has a low pH. This FCS is processed through filter presses, which separate out the water from the solids. These solids are removed from the effluent and the clear water is discharged to the clarifier. However, the press cloths in Cold Mill Effluent were torn/faulty and as a consequence letting suspended solids bleed through to the clarifier. These have now been changed with new cloths.</li> <li>• Increased FCS processing also has a detrimental effect on the ability to process clarifier sludge. This has the knock on effect of causing sludge to build up in the clarifier, reducing its efficacy at removing suspended solids. This was causing solids to weir over to the Final Effluent tank, before being pumped to no.2 Sump/the Nautilus.</li> </ul>
<p>Measures taken, or intended to be taken, to prevent a recurrence of the incident</p>	<ul style="list-style-type: none"> <li>• A new contract for the Cold Mill Effluent Treatment Plant has been signed. Part of this new contract stipulates that more FCS is to be taken offsite every year and sold to industry, which will mean a reduction in FCS required to be processed through the Cold Mill Effluent Treatment Plant.</li> <li>• New cloths have been installed on both presses.</li> <li>• 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.</li> <li>• Clarifier has been cleaned of sludge, and further cleaning scheduled for next plant stop.</li> </ul>
<p>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</p>	<ul style="list-style-type: none"> <li>• 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.</li> <li>•</li> </ul>

The dates of any Part A notifications in the previous 24 months	Please see attached Excel sheet.	
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Name*	Ellie Harrison
Post	Environmental Engineer
Signature	
Date	12/10/2022
Reference	S5N/22/42B