



Schedule 1

Notification of Unauthorised Release

Operator: Tata Steel UK Ltd

Authorisation: BS3905IP **Location:** Llanwern Works
Newport
South Wales
NP19 4QZ

Date Submitted: 02/07/2018

PART B
Further details of the release and results of any investigations carried out This Part B is a follow-up to the Part A Notification for a breach of HCl from the Pickle Line 2 stack, EPR emissions point ref: A7. The sampling exercise that identified that the emissions were above the consent limit was conducted on the 28/03/2018 for Q1. The concentration recorded was: 14.9 mg/Nm³ Vs EPR specified limit of 10.0 mg/Nm³. Investigation was not able to determine the source of the exceedance, although it should be noted that two tests were undertaken to determine the average value of 14.9 mg/Nm³ – these returned results of 25.2 mg/Nm³ and 4.7 mg/Nm³. Previous exceedances of this limit coincided with elevated (but within specification) conductivity in the scrubbing water. This was not the case during the sampling exercise on 28/03/2018, conductivity of the scrubbing water was reported to be in the range of 33 mS to 36 mS. A resample of the Pickle Line stack was arranged for 24/4/2018.
Measures taken or intended to be taken to prevent a recurrence of the incident As outlined above, the cause of the elevated concentration of HCl was not determined. The remedial outcome of the last breach of this limit in 2015 was to lower the conductivity set-point, for making up scrubbing water with fresh water, from 55 mS to 40 mS. Since then, this has been lowered further, to 30 mS.
Measures taken, or intended to be taken, to: rectify, limit or prevent any pollution of the environment or harm which has been caused by the emission The Q2 sampling exercise was undertaken on 24/04/2018 and the reported average result, over two samples was 0.1 mg/Nm³ at a stack flowrate of 29,833.
The dates of any PART A notifications within the previous 24 months 2018 05 24 – URA pH 2018 04 28 – URA Cadmium 2018 03 18 – URA HCL 2018 03 22 – URA Cadmium 2018 02 24 – URA Cadmium



2017 12 30 – URA Cadmium
2017 10 07 – URA Cadmium
2016 12 29 – URA hydrocarbon oil
2016 08 24 & 29 – URA hydrocarbon oil
2016 08 21 – URA suspended solids
2016 08 15 – URA suspended solids
2016 08 09 – URA suspended solids
2016 07 16 – URA suspended solids

Name: Michael Launder

Position: Environmental Engineer

Signature:

A handwritten signature in black ink, appearing to read 'ML' or 'Michael Launder'.

[Signed on behalf of Tata Steel Strip Products UK]