

Permit Reference: BS 3905IP
 Operator: Tata Steel UK
 Installation: Llanwern SteelWorks

Form A1/1

Reporting of Emissions to Air for the period from 01/01/2025 to 31/03/2025							
Emission Point	Substance / Parameter	Emission Limit Value	Result (mg/Nm3)	Test Method	Sample Date and Times	Accreditation / Certification	Uncertainty (+/- mg/Nm3)
A1 SRF No1	NOx (as NO2)	400 mg/m3	Nil*	Electrochemical Cell - BSEN15058 & BSEN14792	---	Level 2 Mcerts	---
	CO	None	Nil*		---		---
A2 SRF No2	NOx (as NO2)	400 mg/m3	Nil*		---		---
	CO	None	Nil*		---		---
A3 SRF No3	NOx (as NO2)	400 mg/m3	Nil*		---		---
	CO	None	Nil*		---		---
A4 SRF No4	NOx (as NO2)	400 mg/m3	Nil*		---		---
	CO	None	Nil*		---		---
A5 SRF No5	NOx (as NO2)	400 mg/m3	Nil*		---		---
	CO	None	Nil*		---		---
None	Gas oil sulphur	0.2 w/w	Nil*	---	---	---	---

*- Emission points not in use during mothball of Hot Mill

Signed: ██████████

Date: 10/04/2025

(authorised to sign as a representative of the operator)

Form A1/2

Reporting of Emissions to Air for the period from 01/01/2025 to 31/03/2025									
Emission Point	Substance / Parameter		Emission Limit Value	Result (mg/Nm3)	Test Method	Sample Date and Times	Accreditation / Certification	Uncertainty (+/- mg/Nm3)	
A11 Zodiac Furnace	NOx (as NO2)		350 mg/m3	129.8	Electrochemical Cell - BSEN15058 & BSEN14792	26.03.2025 10:57 – 11:10		7.0	
	CO		None	94.8				3.3	
A14 Boiler No1	Gas Oil	NOx (as NO2)	200 mg/m3	Nil**		---			---
		CO	None	Nil**					---
	Natural Gas	NOx (as NO2)	140 mg/m3	117.5		19.02.2025		6.3	
		CO	None	0.0		10:47 – 11:07		0.2	
A15 Boiler No2	Gas Oil	NOx (as NO2)	200 mg/m3	Nil**		---			---
		CO	None	Nil**					---
	Natural Gas	NOx (as NO2)	140 mg/m3	Nil *		---			---
		CO	None	Nil *					---
A16 Boiler No3	Gas Oil	NOx (as NO2)	200 mg/m3	Nil**		---			---
		CO	None	Nil**					---
	Natural Gas	NOx (as NO2)	140 mg/m3	109.1		19.02.2025		5.8	
		CO	None	0.0		10:13 – 10:36		0.2	

*Non operational
 ** - Gas Oil not in use
 *** Not in operation during sampling time.

Signed: ██████████

Date: 10/04/2025

(authorised to sign as a representative of the operator)

Permit Reference: BS 3905IP
 Operator: Tata Steel UK
 Installation: Llanwern SteelWorks

Form A1/3

Reporting of Emissions to Air for the period from 01/01/2025 to 31/03/2025							
Emission Point	Substance / Parameter	Emission Limit Value	Result (mg/Nm3)	Test Method	Sample Date and Times	Accreditation / Certification	Uncertainty (+/- mg/Nm3)
A6 Pickle Line No1	HCl	10 mg/m3	Nil*	BS EN 1911	---	Level 2 Mcerts	---
A7 Pickle Line No2	HCl	10 mg/m3	0.10		18.02.2025 10:41 – 12:31		0.2
A8 Pickle Line Roof Vent	HCl	5 mg/m3	Nil*				
A9 Cold Mill Oil Mist Vent	Oil mist	15 mg/m3	Nil**				
A10 Zodiac Cleaner	Particulate matter	5 mg/m3	Nil***	BS EN 13284	---	Level 2 Mcerts	---
A12 Zodiac Chromate	Particulate matter	5 mg/m3	Nil*		---		---
A13 Welder Stack	Particulate matter	5 mg/m3	Nil***		---		---
A17 Pickle Line Scalemaster	Particulate matter	5 mg/m3	Nil***		---		---

*Non operational
 **Not measurable
 ***Due to be completed as part of annual suite of analysis

Signed: [REDACTED]

Date: 10/04/2025

(authorised to sign as a representative of the operator)

Form W1

Reporting of Emissions to Water for the period from 01/01/2025 to 31/03/2025			
Parameter	Limit	Daily Max *	Daily Mean *
Flow Rate	28000 m ³ /day (dry weather)	124000	24922
pH min	6	8.05	10.66
pH max	12	11.95	
Total Hydrocarbon Oil	5 mg/l	4.8	1.61
Suspended solids	100 mg/l	102.7	34.9
Dissolved iron	10 mg/l	0.42	.19
Total chromium	0.2 mg/l	.004	.003
Dissolved nickel	0.2 mg/l	.005	.003
Zinc	2 mg/l	.021	.009
Copper	0.1 mg/l	.009	.003
Lead	0.8 mg/l	.015	.002
Cadmium	0.05 mg/l	.001	.0002
Mercury	0.05 mg/l	.0002	.00008
Ammoniacal Nitrogen	None	1.37	.64

* Includes wet flow conditions

Signed ██████████

Date: 10/04/2025

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