

Form A1/1

Reporting of Emissions to Air for the period from 01/04/2025 to 30/06/2025							
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: 

(authorised to sign as a representative of the operator)

Date: 15/07/2025

Form A1/2

Reporting of Emissions to Air for the period from 01/04/2025 to 30/06/2025								
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	114.1	Electrochemical Cell - BSEN15058 & BSEN14792	10.06.2025 12:36 – 12:57		6.1
	CO		None	27.8				1.5
A14 Boiler No1	Gas Oil	NOx (as NO2)	200 mg/m3	Nil**		---		---
		CO	None	Nil**				---
	Natural Gas	NOx (as NO2)	140 mg/m3	100.1		23.04.2025 11:34 – 11:51		5.4
		CO	None	0.0				1.0
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	87.8		23.04.2025 11:57 – 12:14		4.7
		CO	None	0.0				0.2

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

Signed: XXXXXXXXXX

Date: 15/07/2025

(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 01/04/2025 to 30/06/2025							
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	0.31		26.06.2025 10:15 – 11:59		0.4
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	0.2	BS EN 13284	13.05.2025 11:11 – 13:38	Level 2 Mcerts	0.4
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: XXXXXXXXXX

(authorised to sign as a representative of the operator)

Date: 15/07/2025

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

Form W1

Reporting of Emissions to Water for the period from 01/04/2025 to 30/06/2025			
Parameter	Limit	Daily Max *	Daily Mean *
Flow Rate	28000 m ³ /day (dry weather)	26000	7659
pH min	6	8.14	10.59
pH max	12	11.88	
Total Hydrocarbon Oil	5 mg/l	5.25	2.33
Suspended solids	100 mg/l	56	18.4
Dissolved iron	10 mg/l	0.55	0.23
Total chromium	0.2 mg/l	0.004	0.008
Dissolved nickel	0.2 mg/l	0.032	0.005
Zinc	2 mg/l	0.027	0.012
Copper	0.1 mg/l	0.004	0.002
Lead	0.8 mg/l	0.002	0.0006
Cadmium	0.05 mg/l	0.0004	0.00011
Mercury	0.05 mg/l	0.00005	0.00005
Ammoniacal Nitrogen	None	0.92	0.48

* Includes wet flow conditions

Signed: XXXXXXXXXX

(authorised to sign as a representative of the operator)

Date: 15/07/2025

