

Permit Reference Number: BS3905

Operator: Tata Steel UK

Installation: Llanwern Steel Works

Form Number: A1/1

Date of Form: 01/09/09

Reporting of Emissions to Air for the period from 01/01/15 to 31/03/15							
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	---	Electrochemical Cell - BSEN15058 & BSEN14792	---	Level 2 Mcerts	---
	CO	None	---		---		---
A2 SRF No2	NOx (as NO2)	400 mg/m3	263.7		10/03/15 11:30 - 11:45		8.8
	CO	None	0.1		---		1.1
A3 SRF No3	NOx (as NO2)	400 mg/m3	---		---		---
	CO	None	---		---		---
A4 SRF No4	NOx (as NO2)	400 mg/m3	---		---		---
	CO	None	---		---		---
A5 SRF No5	NOx (as NO2)	400 mg/m3	366.7		10/03/15 11:55 - 12:10		12.2
	CO	None	0.0		---		1.0
None	Gas oil sulphur	0.2 w/w	---	---	---	---	---

Signed 

(authorised to sign as representative of the Operator)

Date28/04/2015.....

Permit Reference Number: BS3905

Operator: Tata Steel UK

Installation: Llanwern Steel Works

Form Number: A1/2

Date of Form: 01/09/09

Reporting of Emissions to Air for the period from 01/01/15 to 31/03/15							
Emission Point	Substance / Parameter		Emission Limit Value	Result (mg/Nm3)	Test Method	Sample Date and Times	Uncertainty (+/- mg/Nm3)
A11 Zodiac Furnace	NOx (as NO2)		350 mg/m3	107.9	Electrochemical Cell - BSEN15058 & BSEN14792	17/03/15 14:10 - 14:25	5.9
	CO		None	416.4			20.9
A14 Boiler No1	Gas Oil	NOx (as NO2)	200 mg/m3	---		---	---
		CO	None	---		---	---
	Natural Gas	NOx (as NO2)	140 mg/m3	---		---	---
		CO	None	---		---	---
	Gas Oil	NOx (as NO2)	200 mg/m3	---		---	---
		CO	None	---		---	---
A15 Boiler No2	Natural Gas	NOx (as NO2)	140 mg/m3	131.6		25/03/15 13:13 - 13:27	4.5
		CO	None	0.0			1.2
	Gas Oil	NOx (as NO2)	200 mg/m3	---		---	---
		CO	None	---		---	---
A16 Boiler No3	Natural Gas	NOx (as NO2)	140 mg/m3	121.8		25/03/15 12:53 - 13:07	4.2
		CO	None	0.0			1.2
	Gas Oil	NOx (as NO2)	200 mg/m3	---		---	---
		CO	None	---		---	---

Signed 

(authorised to sign as representative of the Operator)

Date28/04/2015.....

Permit Reference Number: BS3905

Operator: Tata Steel UK

Installation: Llanwern Steel Works

Form Number: A1/3

Date of Form: 01/09/09

Reporting of Emissions to Air for the period from 01/01/15 to 31/03/15 [plus annual info]							
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	---	BS EN 1911	---	Level 2 Mcerts	---
A7 Pickle Line No2	HCl	10 mg/m3	5.7		12/03/15 12:37 - 13:49		2.3
A8 Pickle Line Roof Vent	HCl	5 mg/m3	---				
A9 Cold Mill Oil Mist Vent	Oil mist	15 mg/m3	---				
A10 Zodiac Cleaner	Particulate matter	5 mg/m3	---	BS EN 13284	---	Level 2 Mcerts	---
A12 Zodiac Chromate	Particulate matter	5 mg/m3	---		---		---
A13 Welder Stack	Particulate matter	5 mg/m3	2.3		25/03/15 10:37 - 12:27		1.8
A17 Pickle Line Scalemaster	Particulate matter	5 mg/m3	1.0		17/03/15 10:56 - 12:44		0.8

Signed 
(authorised to sign as representative of the Operator)

Date28/04/2015.....

Permit Reference Number: BS3905

Operator: Tata Steel UK

Installation: Llanwern Steel Works

Form Number: W1

Date of Form: 01/09/09

Reporting of Emissions to Water for the period from 01/01/15 to 31/03/15			
Parameter	Limit	Daily Max	Daily Mean
Flow Rate	28000 m3/day (dry weather)	---	6,986.7
pH min	6	6.6	9.5
pH max	12	11.3	
Total Hydrocarbon Oil	5 mg/l	3.7	0.3
Suspended solids	100 mg/l	122	39.3
Dissolved iron	10 mg/l	0.01	0.01
Total chromium	0.2 mg/l	0.01	0.01
Dissolved nickel	0.2 mg/l	0.02	0.01
Zinc	2 mg/l	0.07	0.02
Copper	0.1 mg/l	0.02	0.01
Lead	0.8 mg/l	0.02	0.02
Cadmium	0.05 mg/l	0.01	0.01
Mercury	0.05 mg/l	Results Pending	Results Pending
Ammoniacal Nitrogen	None	2.0	0.3

Signed 

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Date28/04/2015.....