

From: Landeg, Jamie [<mailto:JamieRoss.Landeg@tatasteel.com>]

Sent: 26 October 2016 15:55

To: Parr, Elizabeth <Elizabeth.Parr@cyfoethnaturiolcymru.gov.uk>

Cc: Richards, Gareth (Rivers House) <Gareth.Richards2@cyfoethnaturiolcymru.gov.uk>; Abbott, Fiona <Fiona.Abbott@tatasteel.com>; Heatman, Jason <jason.heatman@tatasteel.com>; Jeremiah, Hayley <hayley.jeremiah@tatasteel.com>

Subject: Permit BS3905IP Q3 Jul-Sep 2016 Returns – Forms A1/1, A1/2, A1/3 & W1

All,

Please find attached the returns for Llanwern Q3 2016.

Unfortunately as a result of my contacts for flow rate being away and will be until after the submission date, it has not been possible to collect this data and will do so when they return (after 07/11/2016). This has been noted on the submission form.

Regards,

Jamie-Ross Landeg

Environmental Engineer
Health, Safety and Environment

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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 01/07/2016 to 30/09/2016								
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						
	CO	None						
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						
	CO	None						
None	Gas oil sulphur	0.2 w/w						

* Emission points not in use during mothball

Signed
(authorised to sign as representative of the Operator)

Date26/10/2016.....

Form Number: A1/2
Date of Form: 01/09/09

*Only one boiler operational during time of sampling.

Signed
(authorised to sign as representative of the Operator)

Date26/10/2016.....

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 01/07/2016 to 30/09/2016 [plus annual info]						
Emission Point	Substance / Parameter	Emission Limit Value	Result (mg/Nm ³)	Test Method	Sample Date and Times	Accreditation / Certification
A6* Pickle Line No1	HCl	10 mg/m ³	---	BS EN 1911	---	Level 2 Mcerts
A7 Pickle Line No2	HCl	10 mg/m ³	9.6		15/09/2016 10:53 – 11:23	
A8 Pickle Line Roof Vent	HCl	5 mg/m ³	---	BS EN 13284	R	Level 2 Mcerts
A9 Cold Mill Oil Mist Vent	Oil mist	15 mg/m ³	---			
A10 Zodiac Cleaner	Particulate matter	5 mg/m ³	---			
A12 Zodiac Chromate	Particulate matter	5 mg/m ³	---			
A13 Welder Stack	Particulate matter	5 mg/m ³	---			
A17 Pickle Line Scalemaster	Particulate matter	5 mg/m ³	---		R	

*Non operational
R – annual sample previously reported

Signed 
(authorised to sign as representative of the Operator)

Date26/10/2016.....

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 01/07/2016 to 30/09/2016			
Parameter	Limit	Daily Max	Daily Mean
Flow Rate	28000 m ³ /day (dry weather)	---	***
pH min	6	7	9.7
pH max	12	11.6	
Total Hydrocarbon Oil*	5 mg/l	15.5	1.9
Suspended solids**	100 mg/l	2398	9.5
Dissolved iron	10 mg/l	0.14	0.03
Total chromium	0.2 mg/l	0.04	0.01
Dissolved nickel	0.2 mg/l	0.11	0.04
Zinc	2 mg/l	0.37	0.07
Copper	0.1 mg/l	0.04	0.01
Lead	0.8 mg/l	0.07	0.02
Cadmium	0.05 mg/l	0.01	0.01
Mercury	0.05 mg/l	<0.001	<0.001
Ammoniacal Nitrogen	None	0.30	0.13

* See notification 2016 08 30 URA Oil

** See notification 2016 08 09 URA Suspended Solids

*** flow rate – data unavailable before submission. See email submission to NRW for further information.

Signed
(authorised to sign as representative of the Operator)

Date26/10/2016.....