

RELEASES INTO AIR

Operational summary for the month March-16

Operator: Tata Steel UK Ltd

Release Point: A55

Location: Port Talbot Works

Permit: BL7108/AP3330BE

Obscuration (%)	Day																															Month Mean
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Daily Mean	8.7	4.6	6.7	10.2	9.2	6.3	8.2	8.6	8.2	17.4	13.7	8.4	15.6	10.7	6.7	13.0	12.1	9.1	5.6	5.6	6.4	9.6	10.1	9.8	14.4	11.0	20.0	24.9	20.3	15.3	22.2	11.4
Weekly Mean Limit=25%					11.2							10.1							10.4							9.5						
Max Hourly	20	16	14	18	13	12	28	33	23	31	36	15	13	18	17	15	21	19	25	28	32	26	37	31	44	23	39	40	0	0	0	
Time greater than R1 (mins)	0	6	0	7	5	5	2	11	7	235	92	0	123	74	1	62	1	26	24	0	0	27	8	3	48	15	396	724	335	155	387	Total 2779

Ringelmann 1 (R1) equivalent to smoke opacity of 25%

Ringelmann 2 (R2) equivalent to smoke opacity of 50%

Ringelmann 3 (R3) equivalent to smoke opacity of 75%

Ringelmann 4 (R4) equivalent to smoke opacity of 100%

Signed on behalf of the Operator: 

Dated: 4-May-2016

Form Coke CEMS Smoke

RELEASES INTO AIR

Release summary for quarter ending

30-Mar-16

Operator: Tata UK Ltd

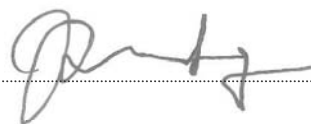
Release Point: A54

Location: Port Talbot Works

Permit: BL7108

Criteria	DLCF (%)	TLCF (%)	MEF	PEF
Monthly average limit	20.00	10.00	0.190	0.170
January	11.70	6.64	<0.25	<0.25
February	11.98	7.13		
March	12.64	7.15		
Date of lowest daily DLCF/TLCF	04-Mar-16	04-Jan-16		
Highest weekly MEF/PEF			0.275	0.350
No weekly assessment to exceed			0.4	0.4
Date & oven number of highest MEF/PEF			60 02-Feb-16 1.340	12 02-Mar-16 1.100
No.Ovens MEF/PEF >1			7	4

Signed on behalf of the Operator:



Dated: 4-May-2016

Form Coke DCM CF

RELEASES INTO AIR

Release summary for quarter ending

30-Mar-16

Operator: Tata UK Ltd **Release Points:** A56, A58
Location: Port Talbot Works **Permit:** BL7108

Release Point	A56 Flue 1/2/3	A58 (Annually)
Permit limit (mg/m3)	50	
Measured conc (mg/m3)	1.7	
Sampling method used	BS EN 13284	
Analytical method used	Gravimetric	
Date of sampling	24-Feb-16	
Sampling start time	09:50	
Sampling end time	11:34	
Date of analysis	24-Feb-16	
Limit of detection	0.6	
Annual release limit (kg)	25,000	
Annual release (kg)	-	

Release point A56 is monitored quarterly. Release point A58 is monitored annually.
Mass release limits are annual limits and are to be reported annually.

RELEASES INTO AIR

Release summary for quarter ending

30-Mar-16

Operator: Tata UK Ltd

Release Point: A56

Location: Port Talbot Works

Permit: BL7108 / BL7108IM (V009)

Month	No. ovens discharged with Minister Stein in the month	Total no. ovens discharged in the month	% of ovens discharged with the Minister Stein in the month
January	3216	3236	99.38%
February	3146	3239	97.13%
March	2612	2662	98.12%
April			
May			
June			
July			
August			
September			
October			
November			
December			
Total	8974	9137	98.2%

Limits 98% availability (unplanned outages) - annual.

Limits 94% availability (all outages) - annual.

Signed on behalf of the Operator:



Dated: 4-May-2016

**Form Coke Minister Stein
(Revision 1)**

RELEASES INTO AIR

Release summary for quarter ending

30-Mar-16

Operator: Tata UK Ltd

Release Point: A57

Location: Port Talbot Works

Permit: BL7108

Substance	Sulphur dioxide	Oxides of Nitrogen
Permit limit (mg/m3)	2000	200
Measured conc (mg/m3) **	1095	70
Sampling method used	BS 6069	ISO 10849
Analytical method used	EC *	EC *
Date of sampling	12-Feb-16	12-Feb-16
Sampling start time	10:00	10:00
Sampling end time	11:00	11:00
Date of analysis	12-Feb-16	12-Feb-16
Limit of detection	1.6	1.4
Process status during sampling	2 stills & 2 incinerators on	2 stills & 2 incinerators on
Annual release limit (kg)		
Annual release (kg)	-	-
Fuel usages over the sampling period		
Natural gas %		
Blast furnace gas %		
Coke oven gas %	100	100
Heavy fuel oil %		

Mass release limits are annual mass release limits and are to be reported annually.

* EC - electrochemical cell

** Releases corrected to 10.1.3b