

RELEASES INTO AIR

Operational summary for the month March-15

Operator: Tata Steel UK Ltd
Location: Port Talbot Works

Release Point: A55
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	4.1	6.5	5.9	6.1	4.8	5.0	5.5	7.3	7.7	7.5	8.1	8.3	8.7	7.7	7.8	8.7	9.5	7.0	9.6	11.6	8.3	6.3	8.7	9.8	6.2	8.0	5.5	11.5	10.3	9.4	7.7	7.7
Weekly Mean Limit=25%	5.2							5.9							8.0						8.7								8.6			
Max Hourly	14	14	26	22	18	20.7	8.06	9	8.5	12	11	13.3	11	11	11	9.1	10.4	7.39	19	21	23	17	23	27	27	12	13	14	16	15	15	
Time greater than R1 (mins)	0	0	39	124	14	31	0	0	0	14	0	0	0	2	1	0	0	0	22	18	145	15	139	202	117	3	5	0	2	0	0	Total 893

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: 30-Apr-2015

Form Coke CEMS Smoke

RELEASES INTO AIR

Release summary for quarter ending

30-Mar-15

Operator: Tata UK Ltd

Release Point: A54

Location: Port Talbot Works

Permit: BL7108

Criteria	DLCF (%)	TLCF (%)	MEF	PEF
13 week average	99.39	99.50	0.083	0.121
13 week average limit	98.50	99.00	<0.25	<0.25
Lowest daily DLCF/TLCF	98.70	99.00		
No daily assessment to fall below	98.0	98.5		
Highest weekly MEF/PEF			0.321	0.333
No weekly assessment to exceed			0.4	0.4
Date of lowest daily DLCF/TLCF	21-Jan-15 09-Mar-15 10-Mar-15	27-Jan-15 15-Mar-15 29-Mar-15		
Date & oven number of highest MEF/PEF			26 03-Feb-15 0.750	70 04-Mar-15 1.367
No.Ovens MEF/PEF >1			0	1

Signed on behalf of the Operator:



Dated: 30-Apr-2015

Form Coke DCM CF

RELEASES INTO AIR

Release summary for quarter ending

30-Mar-15

Operator: Tata UK Ltd

Release Points: A56, A58

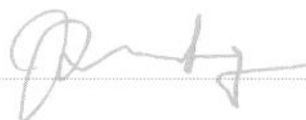
Location: Port Talbot Works

Permit: BL7108

Release Point	A56 Flue 1/2/3	A58 (Annually)
Permit limit (mg/m ³)	50	
Measured conc (mg/m ³)	10.0	
Sampling method used	BS EN 13284	
Analytical method used	Gravimetric	
Date of sampling	10-Feb-15	
Sampling start time	10:30	
Sampling end time	12:27	
Date of analysis	10-Feb-15	
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.

Signed on behalf of the Operator:



Dated: 30-Apr-2015

Form Coke DCM Parts

RELEASES INTO AIR

Release summary for quarter ending

30-Mar-15

Operator: Tata UK Ltd

Release Point: A56

Location: Port Talbot Works

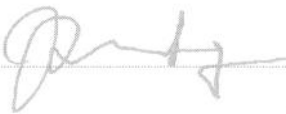
Permit: BL7108 / BL7108IM (V009)

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	3434	3541	96.98%
February	3349	3624	92.41%
March	2734	2852	95.86%
April			
May			
June			
July			
August			
September			
October			
November			
December			
Total	9517	10017	95.0%

Limits 98% availability (unplanned outages) - annual.

Limits 94% availability (all outages) - annual.

Signed on behalf of the Operator:



Dated: 30-Apr-2015

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

RELEASES INTO AIR

Release summary for quarter ending

30-Mar-15

Operator: Tata UK Ltd

Release Point: A57

Location: Port Talbot Works

Permit: BL7108

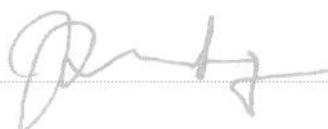
Substance	Sulphur dioxide	Oxides of Nitrogen
Permit limit (mg/m3)	2000	200
Measured conc (mg/m3) **	900	60
Sampling method used	BS 6069	ISO 10849
Analytical method used	EC *	EC *
Date of sampling	13-Mar-15	13-Mar-15
Sampling start time	09:25	09:25
Sampling end time	10:25	10:25
Date of analysis	13-Mar-15	13-Mar-15
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

Signed on behalf of the Operator:



Dated: 30-Apr-2015

Form DCM SO2 & NOx