

RELEASES INTO AIR

Operational summary for the month March-17

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	23.5	26.2	30.0	25.3	23.3	23.8	28.4	28.4	20.2	22.3	29.7	27.3	25.1	30.3	24.2	22.2	24.5	23.5	21.8	19.1	22.3	21.8	22.2	30.8	24.2	21.7	19.9	23.4	15.8	10.9	11.2	23.7	
Weekly Mean Limit=25%			25.0							24.5							26.2							23.1							18.1		
Max Hourly	30	36	46	47	31	37	48	42	30	40	38	38	36	37	33	31	32	38	32	27	33	31	32	52	40	30	37	38	26	27	16		
Time greater than R1 (mins)	511	890	1124	609	543	643	572	821	254	423	987	891	664	1084	793	454	684	517	350	130	436	441	484	1066	600	335	270	576	117	51	1	Total 17321	

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%
*No data available

Signed on behalf of the Operator: 
Dated: 14-Apr-2017

Form Coke CEMS Smoke

RELEASES INTO AIR

Release summary for quarter ending

31-Mar-17

Operator: Tata UK Ltd

Release Point: A54

Location: Port Talbot Works

Permit: BL7108

Criteria	DLCF (%)	TLCF (%)	MEF	PEF
Monthly average limit	10.00	1.00	0.071	0.074
Jan	11.90	5.85	<0.25	<0.25
Feb	12.50	6.00		
March	12.36	6.60		
Highest weekly MEF/PEF			0.38	0.23
No weekly assessment to exceed			0.4	0.4
Date of lowest daily DLCF/TLCF				
Date & oven number of highest MEF/PEF			67 27-Feb-17	12 16-Jan-17
No.Ovens MEF/PEF >1			0	0

Signed on behalf of the Operator:



Dated: 18-Apr-2017

Form Coke DCM CF

RELEASES INTO AIR

Release summary for quarter ending

31-Mar-17

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)	20	-
Measured conc (mg/m ³)	2.5 (+/- 1.1)	-
Sampling method used	BS EN 13284	-
Analytical method used	Gravimetric	-
Date of sampling	21-Feb-17	-
Sampling start time	10:15	-
Sampling end time	12:17	-
Date of analysis	21-Feb-17	-
Limit of detection	0.6	-
Annual release limit (kg)	25,000	-
Annual release (kg)	-	-

Release point A56 is monitored quarterly. Release point A58 is no longer operational.
Mass release limits are annual limits and are to be reported annually.

Signed on behalf of the Operator:



Dated: 14-Apr-2017

Form Coke DCM Parts

RELEASES INTO AIR

Release summary for quarter ending

31-Mar-17

Operator: Tata UK Ltd

Release Point: A56

Location: Port Talbot Works

Permit: BL7108 / BL7108IM

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	2652	2805	94.55%
February	2871	2907	98.76%
March	3613	3641	99.23%
April			
May			
June			
July			
August			
September			
October			
November			
December			
Total	9136	9353	97.7%

Limits 98% availability (unplanned outages) - annual.

Limits 94% availability (all outages) - annual.

Signed on behalf of the Operator:



Dated: 14-Apr-2017

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

RELEASES INTO AIR

Release summary for quarter ending

31-Mar-17

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) **	1412 (+/-32.5)	77 (+/-2.1)
Sampling method used	BS 6069	ISO 10849
Analytical method used	EC *	EC *
Date of sampling	24-Feb-17	24-Feb-17
Sampling start time	10:38	10:38
Sampling end time	11:38	11:38
Date of analysis	24-Feb-17	24-Feb-17
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:

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Dated: 14-Apr-2017

Form DCM SO₂ & NO_x