

RELEASES INTO AIR

Operational summary for the month July-20

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	13.3	13.2	18.8	18.4	19.7	16.6	20.9	20.9	13.4	14.4	13.1	17.1	17.5	18.0	19.0	19.1	15.1	14.8	17.8	16.5	18.5	23.2	29.5	22.6	13.0	11.6	11.9	20.0	19.9	17.9	23.0	17.7
Weekly Mean Limit=25%	14.4							18.4							16.1							17.0							18.4			
Max Hourly	20	19	28	23	30	28	21	31	19	22	18	27	26	34	30	32	21	28	27	24	31	34	40	45	0	37	19	29	31	31	25	
Time greater than R1 (mins)	31	11	233	96	167	87	17	372	5	47	10	163	141	127	166	253	21	62	197	120	176	569	1014	565	130	20	51	279	223	92	0	Total 5445

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: 22-Oct-2020

Form Coke CEMS Smoke

RELEASES INTO AIR

Operational summary for the month August-20

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	19.1	15.6	21.4	21.3	18.6	20.9	17.1	17.1	16.3	13.7	12.5	15.9	21.6	26.7	24.9	25.0	20.7	20.1	28.9	29.9	24.0	30.6	28.9	26.7	37.4	36.2	32.9	23.0	11.8	8.1	9.0	21.8
Weekly Mean Limit=25%					19.6							16.2							24.0							30.5						
Max Hourly	36	20	27	27	26	36	24	20	25	20	21	25	32	34	36	33	45	32	38	49	36	40	41	34	0	62	56	48	41	19	15	
Time greater than R1 (mins)	242	26	366	406	246	377	50	107	71	35	24	132	343	830	574	556	469	302	885	817	523	###	861	749	1217	1025	1193	613	3	0	0	Total 14118

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: 22-Oct-2020

Form Coke CEMS Smoke

RELEASES INTO AIR

Operational summary for the month September-20

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	
Daily Mean	13.0	12.9	15.3	15.9	15.3	15.9	15.1	15.1	11.3	14.2	11.9	13.0	13.9	13.8	15.7	14.4	15.3	19.9	17.5	21.9	21.7	30.5	7.2	5.8	5.9	4.5	6.6	12.9	11.0	15.5	14.1
Weekly Mean Limit=25%		15.8							14.9							13.8							19.2							8.9	
Max Hourly	20	19	23	28	29	25	29	26	20	19	17	21	26	27	24	26	24	35	22	33	35	58	20	20	0	16	9	15	34	28	
Time greater than R1 (mins)	20	31	53	95	103	67	99	59	6	38	12	28	41	69	99	129	116	282	82	362	376	827	29	21	23	5	51	168	142	0	Total 3433

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: 22-Oct-2020

Form Coke CEMS Smoke

RELEASES INTO AIR

Release summary for quarter ending

30-Sep-20

Operator: Tata UK Ltd

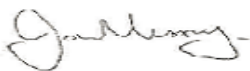
Release Point: A54

Location: Port Talbot Works

Permit: BL7108

Criteria	DLCF (%)	TLCF (%)	MEF	PEF
Monthly average limit	10.00	1.00		
July	8.88	1.14		
August	8.42	0.88		
September	5.17	0.77		

Signed on behalf of the Operator:

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Dated: 22-Oct-2020

Form Coke DCM CF

RELEASES INTO AIR

Release summary for quarter ending

30-Sep-20

Operator: Tata UK Ltd

Release Point: A56

Location: Port Talbot Works

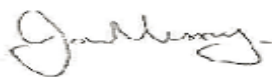
Permit: BL7108 / BL7108IM

Month	No. ovens discharged	Total no. ovens	% of ovens discharged
	with Minister Stein	discharged in the	with the Minister Stein
	in the month	month	in the month
January	0	2618	0.00%
February	0	3172	0.00%
March	0	2452	0.00%
April	0	2504	0.00%
May	0	3111	0.00%
June	0	2510	0.00%
July	0	2460	0.00%
August	0	3148	0.00%
September	0	2663	0.00%
October			
November			
December			
Total	0	24638	0.0%

Limits 98% availability (unplanned outages) - annual.

Limits 94% availability (all outages) - annual.

Signed on behalf of the Operator:



Dated: 22-Oct-2020

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

RELEASES INTO AIR

Release summary for quarter ending

30-Sep-20

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) **	1187 (+/-45.9)	139 (+/-5.4)
Sampling method used	BS 6069	ISO 10849
Analytical method used	EC *	EC *
Date of sampling	16-Sep-20	16-Sep-20
Sampling start time	10:32	10:32
Sampling end time	11:32	11:32
Date of analysis	16-Sep-20	16-Sep-20
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

Signed on behalf of the Operator:

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Dated: 22-Oct-2020

Form DCM SO₂ & NO_x