

RELEASES INTO AIR

Release summary for quarter ending

30-Sep-19

Operator: Tata UK Ltd

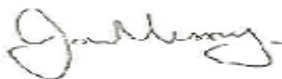
Release Point: A54

Location: Port Talbot Works

Permit: BL7108

Criteria	DLCF (%)	TLCF (%)	MEF	PEF
Monthly average limit	10.00	1.00		
July	5.25	0.65		
August	4.74	0.83		
September	6.13	0.84		

Signed on behalf of the Operator:

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Dated: 3-Mar-2020

Form Coke DCM CF

RELEASES INTO AIR

Release summary for quarter ending

30-Sep-19

Operator: Tata UK Ltd

Release Point: A56

Location: Port Talbot Works

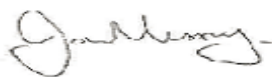
Permit: BL7108 / BL7108IM

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	2740	0.00%
February	0	2889	0.00%
March	0	3487	0.00%
April	0	2804	0.00%
May	0	3287	0.00%
June	0	2727	0.00%
July	0	3287	0.00%
August	0	3230	0.00%
September	0	2728	0.00%
October			
November			
December			
Total	0	27179	0.0%

Limits 98% availability (unplanned outages) - annual.

Limits 94% availability (all outages) - annual.

Signed on behalf of the Operator:



Dated: 3-Mar-2020

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

RELEASES INTO AIR

Release summary for quarter ending

30-Sep-19

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) **	1976 (+/-66.0)	143 (+/-4.8)
Sampling method used	BS 6069	ISO 10849
Analytical method used	EC *	EC *
Date of sampling	27-Sep-19	27-Sep-19
Sampling start time	10:32	10:32
Sampling end time	11:32	11:32
Date of analysis	27-Sep-19	27-Sep-19
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: 3-Mar-2020

Form DCM SO₂ & NO_x

RELEASES INTO AIR

Release summary for six months ending

30/09/2019

Operator: Tata Steel UK

Release Point: A55

Location: Port Talbot Works

Permit: BL7108

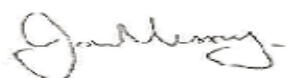
Substance	Sulphur Dioxide	Particulate Matter	Oxides of Nitrogen	Carbon Monoxide
Permit limit (mg/m3)	250 Lean gas 1000 Rich gas	100 As an hourly mean	1600 lean gas 4000 Rich gas	
Measured Concentration	195 (+/-6.1)	25 (+/-1.4)	1053 (+/-57.0)	6050
Sampling method used	BS 6069	BS EN 13284	ISO 10849	BS ISO 12039
Analytical method used	EC *	Gravimetric	EC *	EC *
Date of sampling	15-May-19	15-May-19	15-May-19	15-May-19
Sampling start time	10:50	10:28	10:50	10:50
Sampling end time	11:50	12:36	11:50	11:50
Date of analysis	15-May-19	15-May-19	15-May-19	15-May-19
Limit of detection	1.6	0.6	1.4	0
Continuous monitor result over sample period (% opacity)		3		
Annual release limit (kg)	***			
Annual release (kg)**				
Fuel usages over the sampling period				
Natural gas %				
Blast furnace gas %	77	77	77	77
Coke oven gas %	23	23	23	23
Heavy fuel oil %				
Type of firing during sampling	Lean gas	Lean gas	Lean gas	Lean gas

* EC - electrochemical cell

Release point A55 is monitored six monthly for sulphur dioxide and oxides of nitrogen and annually for particulate matter. Mass release limits are annual limits and are to be reported annually.

**Annual Release data to be submitted following PI completion

Signed on behalf of the Operator:



Dated: 3-Mar-2020

Form Coke DCM Misc