

RELEASES INTO AIR

Release summary for six months ending

31/12/2016

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	116 (+/-4.4)	30 (+/-2)	1566 (+/-62)	6087
Sampling method used	BS 6069	BS EN 13284	ISO 10849	BS ISO 12039
Analytical method used	EC *	Gravimetric	EC *	EC *
Date of sampling	12-Sep-16	12-Sep-16	12-Sep-16	12-Sep-16
Sampling start time	09:16	10:05	09:16	09:16
Sampling end time	10:16	11:57	10:16	10:16
Date of analysis	12-Sep-16	12-Sep-16	12-Sep-16	12-Sep-16
Limit of detection	1.6	0.6	1.4	0
Continuous monitor result over sample period (% opacity)		3		
Annual release limit (kg)	600,000	100,000	3,000,000	-
Annual release (kg)**	629,878	42,279	1,966,667	8,811,367
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: 11-Apr-2017

Form Coke DCM Misc