

## Operational summary for the year ending 31/12/2016

**Operator:** Tata Steel UK Ltd  
**Location:** Port Talbot Works  
**Permit:** BL7108/RP3730BV

<b>Inputs</b>		
Coal - Cokemaking	1.32	t/t coke
Coal - Steel Making	206.73	kg/t LS
Sinter/Pellets/Lump ores	2192	kg/t LS
Coke	361	kg/t LS
Lime	43	kg/t LS
Limestone/Magstone	125	kg/t LS
Dolomet/Doloflux	40.8	kg/t LS
Scrap	142	kg/t LS
Water abstracted	Data to follow	m3/t LS
Energy	36.5	GJ/t LS
Ferrous Cargo Delivery	5437000	Tonnes
Carbon Cargo Delivery	2450000	Tonnes
<b>Recycled</b>		
Reverts to Sinter Plant	204	kg/t LS
BF Slag	214	kg/t LS
BOS Slag	110	kg/t LS
Scrap (internal arisings)	142	kg/t LS
Briquettes (BOS)	0	kg/t LS
Millscale	17	kg/t LS
Recovered oil	0.0003	kg/t LS
<b>Outputs</b>		
Coke	873,338	Tonnes
Liquid Steel	3,579,596	Tonnes
<i>To Air:</i>		
Particulate	0.46	kg/t LS
Sulphur dioxide	1.70	kg/t LS
Oxides of nitrogen	1.31	kg/t LS
<i>To Water:</i>		
Volume	5.67	m3/t LS
Suspended solids	218.5	g/t LS
Oil & grease	14.75	g/t LS
Total cyanide	0.08	g/t LS
Phenols	0.67	g/t LS
Ammonia	24.6	g/t LS
Metals [total] (Fe,Zn,Pb & Cr)	15.71	g/t LS
<i>To Land:</i>		
Slag (BOS & Desulph)	1.9	kg/t LS
BF slurry *	12.9	kg/t LS
BOS slurry *	18.3	kg/t LS
Refractories	0.00	kg/t LS
Demolition waste	0.1	kg/t LS
Filter cake	0.6	kg/t LS
General rubbish	0.5	kg/t LS

Signed on behalf of the Operator



Dated

11/04/2017

Form Site Operational