

Permit Number: EPR/EP3830GH Operator: Liberty Steel UK Ltd

Facility: Liberty Steel Newport Form Number: Air1 / 15/08/2016

**Reporting of emissions to air for the period from 01/09/2019 to 31/12/2019**

Emission Point	Substance / Parameter	Emission		Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
		Limit Value						
A1	Particulate Matter	5 mg/m <sup>3</sup>		Daily Average		BS ISO 10155		
A1	VOC as Total Organic Carbon (TOC)	20 mg/m <sup>3</sup>		1 hour period		BS EN 12619		
A1	Carbon monoxide	100 mg/m <sup>3</sup>		Hourly Average		ISO 12039		
A1	Sulphur dioxide	25 mg/m <sup>3</sup>		15 minute average		BS6069:Section 4.4:1993 (ISO 7935:1992)		
A1	Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	25 mg/m <sup>3</sup>		Spot sample		ISO 10849		
A1	PCDD/F	0.1ng/m <sup>3</sup>		6 – 8h random samples during steady state conditions		BS EN 1948		
A1	Mercury and its compounds	0.05 mg/m <sup>3</sup>		Spot samples for at least 4 hours		BS EN 13649		
A1	Metals					USEPA method 29 or BS EN 14385		

Emission Point		Emission		Reference Period		Result <sup>[1]</sup>		Test Method <sup>[2]</sup>		Sample Date and Times <sup>[3]</sup>		Uncertainty <sup>[4]</sup>	
Substance / Parameter		Limit Value		Reference Period		Result <sup>[1]</sup>		Test Method <sup>[2]</sup>		Sample Date and Times <sup>[3]</sup>		Uncertainty <sup>[4]</sup>	
A1	PAH							BS EN 1948					
A1	PCB							BS EN 1948					
A2	Particulate Matter	5 mg/m <sup>3</sup>		Daily Average				BS ISO 10155					
A2	VOC as Total Organic Carbon (TOC)	20 mg/m <sup>3</sup>		1 hour period				BS EN 12619					
A2	Carbon monoxide	100 mg/m <sup>3</sup>		Hourly Average				ISO 12039					
A2	Sulphur dioxide	25 mg/m <sup>3</sup>		15 minute average				BS6069:Section 4.4:1993 (ISO 7935:1992)					
A2	Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	25 mg/m <sup>3</sup>		Spot sample				ISO 10849					
A2	PCDD/F	0.1ng/m <sup>3</sup>		6 – 8h random samples during steady state conditions				BS EN 1948					
A2	Mercury and its compounds	0.05 mg/m <sup>3</sup>		Spot samples for at least 4 hours				BS EN 13649					
A2	Metals							USEPA method 29 or BS EN					

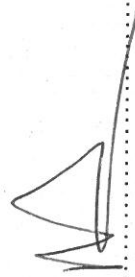
Emission Point	Substance / Parameter	Emission		Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
		Limit Value	Value					
A2	PAH					14385		
A2	PCB					BS EN 1948		
A5	Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	400 mg/m <sup>3</sup>	Spot		101.21	ISO 10849	22.11.2019 10:00 – 11:00	2%

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.



Signed .....

Date..... 30.01.20 .....