

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 01/04/20 to 30/06/2020

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

Emission Point		Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
			Limit Value						
A1		PAH					BS EN 1948		
A1		PCB					BS EN 1948		
A2		Particulate Matter	5 mg/m ³		Daily Average		BS ISO 10155		
A2		VOC as Total Organic Carbon (TOC)	20 mg/m ³		1 hour period		BS EN 12619		
A2		Carbon monoxide	100 mg/m ³		Hourly Average		ISO 12039		
A2		Sulphur dioxide	25 mg/m ³		15 minute average		BS6069:Section 4.4:1993 (ISO 7935:1992)		
A2		Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	25 mg/m ³		Spot sample		ISO 10849		
A2		PCDD/F	0.1ng/m ³		6 – 8h random samples during steady state conditions		BS EN 1948		
A2		Mercury and its compounds	0.05 mg/m ³		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 ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value						
A2	PAH					14385		
A2	PCB					BS EN 1948		
A5	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)			Unable to complete. Cessation in process due to COVID19 prior to agreed monitoring date.		BS EN 1948		
						ISO 10849		

[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 21st August 2020