

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

Facility: Liberty Steel Newport Form Number: Air1 / 13/11/2016

Reporting of emissions to air for the period from 01/04/22 to 30/06/2022

Emission		Substance / Parameter	Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
Emission Point								
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		Emission		Reference Period		Result ^[1]		Test Method ^[2]		Sample Date and Times ^[3]		Uncertainty ^[4]	
		Substance / Parameter	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)	400 mg/m ³	NO PRODUCTION			ISO 10849	31 st March 2022	3%

[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 4th July 2022