

Permit Number: EPR/EP3830GH

Operator: Liberty Steel UK Ltd

Facility: Liberty Steel Newport

Form Number: Water1 / 15/08/2016

Reporting of emissions to water (other than to sewer) and land for the period from 01/01/2024 to 31/03/2024

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
W1	Total suspended solids	20 mg/l	Spot Sample	10	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	06.03.2024 12:00	9.50
W1	Total Hydrocarbons	5 mg/l	Spot Sample	0.001	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	06.03.2024 12:00	0.001
W1	pH	6-10	Spot Sample	11.7	BS 6068-2.50:1995 (ISO 10523:1994)	06.03.2024 12:00	10.61
W1	Lead	0.1 mg/l	Spot Sample	0.007	BS 6068-2.60:1998, BS EN ISO 11885 1998	09.01.2024 08:00	0.008
W1	Arsenic	0.1 mg/l	Spot Sample	0.003	BS 6068-2.60:1998, BS EN ISO 11885 1998	09.02.2024 12:00	0.002
W1	Cadmium	0.006 mg/l	Spot Sample	0.0001	BS 6068-2.60:1998, BS EN ISO 11885 1998	06.03.2024 12:00	0.0004

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
W1	Chromium	0.2 mg/l	Spot Sample	0.093	BS 6068-2.60:1998, BS EN ISO 11885 1998	09.02.2024 12:00	0.057
W1	Nickel	0.1 mg/l	Spot Sample	0.17	BS 6068-2.60:1998, BS EN ISO 11885 1998	09.01.2024 08:00	0.03
W1	Copper	0.1 mg/l	Spot Sample	0.037	BS 6068-2.60:1998, BS EN ISO 11885 1998	06.03.2024 12:00	0.024
W1	Mercury	-	Spot Sample	0.00001	BS 6068-2.60:1998, BS EN ISO 11885 1998	06.03.2024 12:00	0.00001
W1	Iron	5 mg/l	Spot Sample	0.08	BS 6068-2.74:2002, BS EN ISO 13506:2002	09.02.2024 12:00	0.05
W1	Zinc	0.5 mg/l	Spot Sample	0.085	BS 6068-2.60:1998, BS EN ISO 11885 1998	06.03.2024 12:00	0.057

[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 test method 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 process operating time covered by the result is given.

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

[5] Metal includes lead, arsenic, cadmium, chromium, nickel, copper, mercury and zinc expressed as the metal and shall be individually reported

Signed

Date: 25th April 2024

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 01/01/2024 to 31/01/2024

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
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		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
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		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
					14385		
A2	PAH				BS EN 1948		
A2	PCB				BS EN 1948		
A5	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	400 mg/m ³	PROCESS IDLED DURING Q1 2024 – NO EMISSIONS TO AIR		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 operating time covered by the result is given.

[4] The uncertainty is given as a percentage of the result at the 95% confidence interval, unless otherwise stated.

Signed



Date 25th April 2024