

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 01/07/2024 to 30/09/2024

Emission Point	Emission			Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
	Substance / Parameter	Limit Value						
W1	Total suspended solids	20 mg/l	Spot Sample	11.55	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	11.07.2024 12:00	12	
W1	Total Hydrocarbons	5 mg/l	Spot Sample	0.005	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	14.09.2024 12:00	0.006	
W1	pH	6-10	Spot Sample	8.5	BS 6068-2.50:1995 (ISO 10523:1994)	11.07.2024 12:00	8.96	
W1	Lead	0.1 mg/l	Spot Sample	0.008	BS 6068-2.60:1998, BS EN ISO 11885 1998	11.07.2024 12:00	0.009	
W1	Arsenic	0.1 mg/l	Spot Sample	0.004	BS 6068-2.60:1998, BS EN ISO 11885 1998	14.09.2024 12:00	0.005	
W1	Cadmium	0.006 mg/l	Spot Sample	0.0002	BS 6068-2.60:1998, BS EN ISO 11885 1998	11.07.2024 12:00	0.0002	

Emission Point	Emission			Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
	Substance / Parameter	Limit Value						
W1	Chromium	0.2 mg/l	Spot Sample	0.039	BS 6068-2.60:1998, BS EN ISO 11885 1998	13.08.2024 12:00	0.041	
W1	Nickel	0.1 mg/l	Spot Sample	0.031	BS 6068-2.60:1998, BS EN ISO 11885 1998	11.07.2024 12:00	0.032	
W1	Copper	0.1 mg/l	Spot Sample	0.068	BS 6068-2.60:1998, BS EN ISO 11885 1998	11.07.2024 12:00	0.072	
W1	Mercury	-	Spot Sample	0.00048	BS 6068-2.60:1998, BS EN ISO 11885 1998	11.07.2024 12:00	0.0005	
W1	Iron	5 mg/l	Spot Sample	0.12	BS 6068-2.74:2002, BS EN ISO 13506:2002	11.07.2024 12:00	0.13	
W1	Zinc	0.5 mg/l	Spot Sample	0.057	BS 6068-2.60:1998, BS EN ISO 11885 1998	14.09.2024 12:00	0.060	

[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 average of the measurements operating time covered by the result is given.

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

[5] Metal include element Cr, Ni, Cu, Hg and Zn expressed as the metal and shall be individually reported

Signed

Date: 5th November 2024