

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 01/10/2022 to 31/12/2022

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	13	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	18.11.2022 11.00	8.93
W1	Total Hydrocarbons	5 mg/l	Spot Sample	0.809	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	12.10.2022 10.58	0.616
W1	pH	6-10	Spot Sample	10.0	BS 6068-2.50:1995 (ISO 10523:1994)	18.11.2022 11.00	8.09
W1	Lead	0.1 mg/l	Spot Sample	0.006	BS 6068-2.60:1998, BS EN ISO 11885 1998	18.11.2022 11.00	0.006
W1	Arsenic	0.1 mg/l	Spot Sample	0.005	BS 6068-2.60:1998, BS EN ISO 11885 1998	12.10.2022 10.58	0.004
W1	Cadmium	0.006 mg/l	Spot Sample	0.0006	BS 6068-2.60:1998, BS EN ISO 11885 1998	18.11.2022 11.00	0.0006

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	0.018	BS 6068-2.60:1998, BS EN ISO 11885 1998	18.11.2022 11.00	0.005
W1	Nickel	0.1 mg/l	Spot Sample	0.006	BS 6068-2.60:1998, BS EN ISO 11885 1998	18.11.2022 11.00	0.004
W1	Copper	0.1 mg/l	Spot Sample	0.024	BS 6068-2.60:1998, BS EN ISO 11885 1998	18.11.2022 11.00	0.015
W1	Mercury	-	Spot Sample	0.00001	BS 6068-2.60:1998, BS EN ISO 11885 1998	18.11.2022 11.00	0.00001
W1	Iron	5 mg/l	Spot Sample	0.23	BS 6068-2.74:2002, BS EN ISO 13506:2002	18.11.2022 11.00	0.22
W1	Zinc	0.5 mg/l	Spot Sample	0.018	BS 6068-2.60:1998, BS EN ISO 11885 1998	18.11.2022 11.00	0.017

[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.

[5] Metal include elements and compounds of Pb, As, Cd, Cr, Ni, Cu, Hg and Zn expressed as the metal and shall be individually reported

Signed

Date: 20th February 2023