

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 01/10/2023 to 31/12/2023

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	12	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	20.10.2023 12.00	12
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	20.10.2023 12.00	0.072
W1	pH	6-10	Spot Sample	11.3	BS 6068-2.50:1995 (ISO 10523:1994)	05.12.2023 12.00	9.18
W1	Lead	0.1 mg/l	Spot Sample	0.008	BS 6068-2.60:1998, BS EN ISO 11885 1998	05.12.2023 12.00	0.006
W1	Arsenic	0.1 mg/l	Spot Sample	0.003	BS 6068-2.60:1998, BS EN ISO 11885 1998	05.12.2023 12.00	0.003
W1	Cadmium	0.006 mg/l	Spot Sample	0.0008	BS 6068-2.60:1998, BS EN ISO 11885 1998	07.07.2023 12.00	0.0007

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	0.081	BS 6068-2.60:1998, BS EN ISO 11885 1998	05.12.2023 12.00	0.032
W1	Nickel	0.1 mg/l	Spot Sample	0.0049	BS 6068-2.60:1998, BS EN ISO 11885 1998	20.10.2023 12.00	0.004
W1	Copper	0.1 mg/l	Spot Sample	0.096	BS 6068-2.60:1998, BS EN ISO 11885 1998	05.12.2023 12.00	0.069
W1	Mercury	-	Spot Sample	0.00005	BS 6068-2.60:1998, BS EN ISO 11885 1998	05.12.2023 12.00	0.00007
W1	Iron	5 mg/l	Spot Sample	0.07	BS 6068-2.74:2002, BS EN ISO 13506:2002	20.10.2023 12.00	0.10
W1	Zinc	0.5 mg/l	Spot Sample	0.076	BS 6068-2.60:1998, BS EN ISO 11885 1998	05.12.2023 12.00	0.043

[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 date and time of the sample that produced the result is given.

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

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

Signed

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Date: 27th December 2023