

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 01/04/2024 to 30/06/2024

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	20	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	09.04.2024 12:00	11.56
W1	Total Hydrocarbons	5 mg/l	Spot Sample	0.01	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	13.05.2024 12:00	0.005
W1	pH	6-10	Spot Sample	9.3	BS 6068-2.50:1995 (ISO 10523:1994)	11.06.2024 12:00	9.71
W1	Lead	0.1 mg/l	Spot Sample	0.012	BS 6068-2.60:1998, BS EN ISO 11885 1998	13.05.2024 12:00	0.008
W1	Arsenic	0.1 mg/l	Spot Sample	0.01	BS 6068-2.60:1998, BS EN ISO 11885 1998	13.05.2024 12:00	0.004
W1	Cadmium	0.006 mg/l	Spot Sample	0.0005	BS 6068-2.60:1998, BS EN ISO 11885 1998	13.05.2024 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	0.01	BS 6068-2.60:1998, BS EN ISO 11885 1998	13.05.2024 12:00	0.039
W1	Nickel	0.1 mg/l	Spot Sample	0.13	BS 6068-2.60:1998, BS EN ISO 11885 1998	13.05.2024 12:00	0.03
W1	Copper	0.1 mg/l	Spot Sample	0.23	BS 6068-2.60:1998, BS EN ISO 11885 1998	13.05.2024 12:00	0.068
W1	Mercury	-	Spot Sample	0.0005	BS 6068-2.60:1998, BS EN ISO 11885 1998	13.05.2024 12:00	0.00048
W1	Iron	5 mg/l	Spot Sample	0.36	BS 6068-2.74:2002, BS EN ISO 13506:2002	09.04.2024 12:00	0.12
W1	Zinc	0.5 mg/l	Spot Sample	0.11	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. In other cases the method used has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. For continuous monitoring the principal technique is stated, for example gas chromatography.

[3] For non-continuous monitoring the date and time of the sample that produced the result is given. For continuous monitoring the process operating time covered by 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 ions are expressed as the metal and shall be individually reported for Pb, As, Cd, Cr, Ni, Cu, Hg and Zn.

Date: 5th August 2024

Signed

