

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 01/04/2019 to 30/06/2019

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	17.00	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	24/04/2019 11:00	8.98
W1	Total Hydrocarbons	5 mg/l	Spot Sample	0.464	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	20/06/2019 15:00	0.570
W1	pH	6-10	Spot Sample	9.3	BS 6068-2.50:1995 (ISO 10523:1994)	24/04/2019 11:00	8.98
W1	Lead	0.1 mg/l	Spot Sample	0.011	BS 6068-2.60:1998, BS EN ISO 11885 1998	24/04/2019 11:00	0.008
W1	Arsenic	0.1 mg/l	Spot Sample	0.009	BS 6068-2.60:1998, BS EN ISO 11885 1998	20/06/2019 12:00	0.007
W1	Cadmium	0.05 mg/l	Spot Sample	0.0006	BS 6068-2.60:1998, BS EN ISO 11885 1998	24/04/2019 11:00	0.0006

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value						
W1	Chromium	0.2 mg/l	Spot Sample	0.037	BS 6068-2.60:1998, BS EN ISO 11885 1998	24/04/2019 11:00	0.021	
W1	Nickel	0.1 mg/l	Spot Sample	0.005	BS 6068-2.60:1998, BS EN ISO 11885 1998	24/04/2019 11:00	0.005	
W1	Copper	0.1 mg/l	Spot Sample	0.235	BS 6068-2.60:1998, BS EN ISO 11885 1998	24/04/2019 11:00	0.047	
W1	Mercury	-	Spot Sample	0.0002	BS 6068-2.60:1998, BS EN ISO 11885 1998	24/04/2019 11:00	0.0002	
W1	Iron	5 mg/l	Spot Sample	0.23	BS 6068-2.74:2002, BS EN ISO 13506:2002	24/04/2019 11:00	0.047	
W1	Zinc	0.5 mg/l	Spot Sample	0.30	BS 6068-2.60:1998, BS EN ISO 11885 1998	24/04/2019 11:00	0.023	

[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..... 4 July 2019