

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 01/04/2020 to 30/06/2020

Emission Point	Substance / Parameter	Emission		Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		Limit Value						
W1	Total suspended solids	20 mg/l		Spot Sample	18	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	28/05/2020 14:00	6.02
W1	Total Hydrocarbons	5 mg/l		Spot Sample	0.804	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	29/06/2020 14:00	0.484
W1	pH	6-10		Spot Sample	8.4	BS 6068-2.50:1995 (ISO 10523:1994)	29/06/2020 14:00	8.64
W1	Lead	0.1 mg/l		Spot Sample	0.006	BS 6068-2.60:1998, BS EN ISO 11885 1998	28/05/2020 14:00	0.007
W1	Arsenic	0.1 mg/l		Spot Sample	0.004	BS 6068-2.60:1998, BS EN ISO 11885 1998	28/05/2020 14:00	0.004
W1	Cadmium	0.006 mg/l		Spot Sample	0.0032	BS 6068-2.60:1998, BS EN ISO 11885 1998	29/06/2020 14:00	0.0022

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	0.027	BS 6068-2.60:1998, BS EN ISO 11885 1998	28/05/2020 14:00	0.023	
W1	Nickel	0.1 mg/l	Spot Sample	0.019	BS 6068-2.60:1998, BS EN ISO 11885 1998	28/05/2020 14:00	0.006	
W1	Copper	0.1 mg/l	Spot Sample	0.176	BS 6068-2.60:1998, BS EN ISO 11885 1998	28/05/2020 14:00	0.036	
W1	Mercury	-	Spot Sample	0.00002	BS 6068-2.60:1998, BS EN ISO 11885 1998	29/06/2020 14:00	0.00001	
W1	Iron	5 mg/l	Spot Sample	0.91	BS 6068-2.74:2002, BS EN ISO 13506:2002	28/05/2020 14:00	0.036	
W1	Zinc	0.5 mg/l	Spot Sample	0.189	BS 6068-2.60:1998, BS EN ISO 11885 1998	28/05/2020 14:00	0.096	

[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: 21st August 2020