

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 01/10/2016 to 31/12/2016

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	10	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	15 December 14:00	21.53
W1	Total Hydrocarbons	5 mg/l	Spot Sample	0.248	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	13 October 14:00	0.675
W1	pH	6-10	Spot Sample	9.6	BS 6068-2.50:1995 (ISO 10523:1994)	15 December 14:00	8.36
W1	Lead	0.1 mg/l	Spot Sample	0.015	BS 6068-2.60:1998, BS EN ISO 11885 1998	15 December 14:00	0.012
W1	Arsenic	0.1 mg/l	Spot Sample	0.007	BS 6068-2.60:1998, BS EN ISO 11885 1998	7 November 13:00	0.005
W1	Cadmium	0.05 mg/l	Spot Sample	0.0013	BS 6068-2.60:1998, BS EN ISO 11885 1998	7 November 13:00	0.0009

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	0.012	BS 6068-2.60:1998, BS EN ISO 11885 1998	15 December 14:00	0.005
W1	Nickel	0.1 mg/l	Spot Sample	0.007	BS 6068-2.60:1998, BS EN ISO 11885 1998	15 December 14:00	0.006
W1	Copper	0.1 mg/l	Spot Sample	0.09	BS 6068-2.60:1998, BS EN ISO 11885 1998	15 December 14:00	0.04
W1	Mercury	-	Spot Sample	0.0001	BS 6068-2.60:1998, BS EN ISO 11885 1998	13 October 14:00	0.0001
W1	Iron	5 mg/l	Spot Sample	0.32	BS 6068-2.74:2002, BS EN ISO 13506:2002	15 December 14:00	0.28
W1	Zinc	0.5 mg/l	Spot Sample	0.08	BS 6068-2.60:1998, BS EN ISO 11885 1998	13 October 14:00	0.103

[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..... 31.01.17