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 01/07/2019 **to** 30/09/2019

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
W1	Total suspended solids	20 mg/l	Spot Sample	8.0	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	11/07/2019 13:00	7.13
W1	Total Hydrocarbons	5 mg/l	Spot Sample	0.723	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	11/07/2019 13:00	0.377
W1	pH	6-10	Spot Sample	8.8	BS 6068-2.50:1995 (ISO 10523:1994)	22/08/2019 14:00	7.13
W1	Lead	0.1 mg/l	Spot Sample	0.006	BS 6068-2.60:1998, BS EN ISO 11885 1998	11/07/2019 13:00	0.007
W1	Arsenic	0.1 mg/l	Spot Sample	0.007	BS 6068-2.60:1998, BS EN ISO 11885 1998	11/07/2019 13:00	0.006
W1	Cadmium	0.05 mg/l	Spot Sample	0.0008	BS 6068-2.60:1998, BS EN ISO 11885 1998	11/07/2019 13:00	0.0006

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
W1	Chromium	0.2 mg/l	Spot Sample	0.020	BS 6068-2.60:1998, BS EN ISO 11885 1998	11/07/2019 13:00	0.012
W1	Nickel	0.1 mg/l	Spot Sample	0.003	BS 6068-2.60:1998, BS EN ISO 11885 1998	11/07/2019 13:00	0.003
W1	Copper	0.1 mg/l	Spot Sample	0.021	BS 6068-2.60:1998, BS EN ISO 11885 1998	11/07/2019 13:00	0.049
W1	Mercury	-	Spot Sample	0.0002	BS 6068-2.60:1998, BS EN ISO 11885 1998	11/07/2019 13:00	0.0002
W1	Iron	5 mg/l	Spot Sample	0.23	BS 6068-2.74:2002, BS EN ISO 13506:2002	11/07/2019 13:00	0.022
W1	Zinc	0.5 mg/l	Spot Sample	0.30	BS 6068-2.60:1998, BS EN ISO 11885 1998	22/08/2019 14:00	0.027

[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....23 OCTOBER 19