

Permit Number: EPR/EP3830GH

Operator: Liberty Steel UK Ltd

Facility: Liberty Steel Newport

Form Number: Water1 / 08/03/2016

**Reporting of emissions to water (other than to sewer) and land for the period from 01/07/2016 to 30/09/2016**

| Emission Point | Substance / Parameter        | Limit Value | Reference Period | Result <sup>[1]</sup> | Test Method <sup>[2]</sup>  | Sample Date and Times <sup>[3]</sup> | Uncertainty <sup>[4]</sup> |
|----------------|------------------------------|-------------|------------------|-----------------------|---|--------------------------------------|----------------------------|
| W1             | Total suspended solids       | 20 mg/l     | Spot Sample      | 106                   | BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales                        | 18/07/2016<br>11:00                  | 31                         |
| W1             | Total Hydrocarbons           | 5 mg/l      | Spot Sample      | 2.83                  | SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales | 18/07/2016<br>11:00                  | 0.884                      |
| W1             | Metals <small>Note 5</small> |             | Spot Sample      |                       | BS 6068-2.60:1998, BS EN ISO 11885 1998   |                                      |                            |
|                | Lead                         | 0.1 mg/l    |                  | 0.029                 |   | 18/07/2016<br>11:00                  | 0.011                      |
|                | Arsenic                      | 0.1 mg/l    |                  | 0.009                 |   | 13/09/2016<br>14:00                  | 0.005                      |
|                | Cadmium                      | 0.05 mg/l   |                  | 0.0013                |   | 18/07/2016<br>11:00                  | 0.001                      |

| Emission       |                       | Emission    |                  | Emission              |   | Emission                             |                            | Emission |  |
|----------------|-----------------------|-------------|------------------|-----------------------|---|--------------------------------------|----------------------------|----------|--|
| Emission Point | Substance / Parameter | Limit Value | Reference Period | Result <sup>[1]</sup> | Test Method <sup>[2]</sup>                    | Sample Date and Times <sup>[3]</sup> | Uncertainty <sup>[4]</sup> |          |  |
|                | Chrome                | 0.2 mg/l    |                  | 0.007                 |   | 18/07/2016<br>11:00                  | 0.011                      |          |  |
|                | Nickel                | 0.1 mg/l    |                  | 0.012                 |   | 18/07/2016<br>11:00                  | 0.006                      |          |  |
|                | Copper                | 0.1         |                  | 0.035                 |   | 13/09/2016<br>14:00                  | 0.024                      |          |  |
|                | Mercury               |             |                  | 0.0001                |   | 18/07/2016<br>11:00                  | 0.0001                     |          |  |
| W1             | pH                    | 6-10        | Spot Sample      | 8.9                   | BS 6068-2.50:1995<br>(ISO 10523:1994)         | 13/09/2016<br>14:00                  | 8.99                       |          |  |
| W1             | Iron                  | 5 mg/l      | Spot Sample      | 0.230                 | BS 6068-2.74:2002,<br>BS EN ISO<br>13506:2002 | 13/09/2016<br>14:00                  | 0.262                      |          |  |
| W1             | Zinc                  | 0.5 mg/l    | Spot Sample      | 0.258                 | BS 6068-2.60:1998,<br>BS EN ISO 11885<br>1998 | 13/09/2016<br>14:00                  | 0.092                      |          |  |


[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 ..... 01.10.2016 .....