

Permit Number: EPR/EP3830GH      Operator: Liberty Steel UK Ltd

Facility: Liberty Steel Newport      Form Number: Air1 / 15/08/2016

**Reporting of emissions to air for the period from 01/10/2017 to 31/12/2017**

| Emission Point | Emission                                                                  |                        | Reference Period                                     | Result <sup>(1)</sup> | Test Method <sup>(2)</sup>              | Sample Date and Times <sup>(3)</sup> | Uncertainty <sup>(4)</sup> |
|----------------|---------------------------------------------------------------------------|------------------------|------------------------------------------------------|-----------------------|-----------------------------------------|--------------------------------------|----------------------------|
|                | Substance / Parameter                                                     | Limit Value            |                                                      |                       |                                         |                                      |                            |
| A1             | Particulate Matter                                                        | 5 mg/m <sup>3</sup>    | Daily Average                                        |                       | BS ISO 10155                            |                                      |                            |
| A1             | VOC as Total Organic Carbon (TOC)                                         | 20 mg/m <sup>3</sup>   | 1 hour period                                        |                       | BS EN 12619                             |                                      |                            |
| A1             | Carbon monoxide                                                           | 100 mg/m <sup>3</sup>  | Hourly Average                                       |                       | ISO 12039                               |                                      |                            |
| A1             | Sulphur dioxide                                                           | 25 mg/m <sup>3</sup>   | 15 minute average                                    |                       | BS6069:Section 4.4:1993 (ISO 7935:1992) |                                      |                            |
| A1             | Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> ) | 25 mg/m <sup>3</sup>   | Spot sample                                          |                       | ISO 10849                               |                                      |                            |
| A1             | PCDD/F                                                                    | 0.1ng/m <sup>3</sup>   | 6 – 8h random samples during steady state conditions |                       | BS EN 1948                              |                                      |                            |
| A1             | Mercury and its compounds                                                 | 0.05 mg/m <sup>3</sup> | Spot samples for at least 4 hours                    |                       | BS EN 13649                             |                                      |                            |
| A1             | Metals                                                                    |                        |                                                      |                       | USEPA method 29 or BS EN 14385          |                                      |                            |

| Emission Point | Substance / Parameter                                                     | Emission               |  | Reference Period                                     | Result <sup>(1)</sup> | Test Method <sup>(2)</sup>              | Sample Date and Times <sup>(3)</sup> | Uncertainty <sup>(4)</sup> |
|----------------|---------------------------------------------------------------------------|------------------------|--|------------------------------------------------------|-----------------------|-----------------------------------------|--------------------------------------|----------------------------|
|                |                                                                           | Limit Value            |  |                                                      |                       |                                         |                                      |                            |
| A1             | PAH                                                                       |                        |  |                                                      |                       | BS EN 1948                              |                                      |                            |
| A1             | PCB                                                                       |                        |  |                                                      |                       | BS EN 1948                              |                                      |                            |
| A2             | Particulate Matter                                                        | 5 mg/m <sup>3</sup>    |  | Daily Average                                        |                       | BS ISO 10155                            |                                      |                            |
| A2             | VOC as Total Organic Carbon (TOC)                                         | 20 mg/m <sup>3</sup>   |  | 1 hour period                                        |                       | BS EN 12619                             |                                      |                            |
| A2             | Carbon monoxide                                                           | 100 mg/m <sup>3</sup>  |  | Hourly Average                                       |                       | ISO 12039                               |                                      |                            |
| A2             | Sulphur dioxide                                                           | 25 mg/m <sup>3</sup>   |  | 15 minute average                                    |                       | BS6069:Section 4.4:1993 (ISO 7935:1992) |                                      |                            |
| A2             | Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> ) | 25 mg/m <sup>3</sup>   |  | Spot sample                                          |                       | ISO 10849                               |                                      |                            |
| A2             | PCDD/F                                                                    | 0.1ng/m <sup>3</sup>   |  | 6 – 8h random samples during steady state conditions |                       | BS EN 1948                              |                                      |                            |
| A2             | Mercury and its compounds                                                 | 0.05 mg/m <sup>3</sup> |  | Spot samples for at least 4 hours                    |                       | BS EN 13649                             |                                      |                            |
| A2             | Metals                                                                    |                        |  |                                                      |                       | USEPA method 29 or BS EN                |                                      |                            |

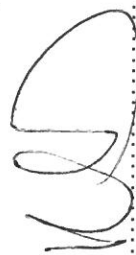
| Emission Point | Substance / Parameter                                                     | Emission              |      | Reference Period | Result <sup>[1]</sup> | Test Method <sup>[2]</sup> | Sample Date and Times <sup>[3]</sup> | Uncertainty <sup>[4]</sup> |
|----------------|---------------------------------------------------------------------------|-----------------------|------|------------------|-----------------------|----------------------------|--------------------------------------|----------------------------|
|                |                                                                           | Limit Value           |      |                  |                       |                            |                                      |                            |
| A2             | PAH                                                                       |                       |      |                  |                       | 14385<br>BS EN 1948        |                                      |                            |
| A2             | PCB                                                                       |                       |      |                  |                       | BS EN 1948                 |                                      |                            |
| A5             | Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> ) | 400 mg/m <sup>3</sup> | Spot |                  | 162.84                | ISO 10849                  | 13.10.2017<br>12:46– 13:45           | 2%                         |

[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.



Signed .....

Date..... 11. January 2018