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 01/07/2017 **to** 30/09/2017

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
A1	Particulate Matter	5 mg/m^3	Daily Average		BS ISO 10155		
A1	VOC as Total Organic Carbon (TOC)	20 mg/m^3	1 hour period		BS EN 12619		
A1	Carbon monoxide	100 mg/m^3	Hourly Average		ISO 12039		
A1	Sulphur dioxide	25 mg/m^3	15 minute average		BS6069:Section 4.4:1993 (ISO 7935:1992)		
A1	Oxides of nitrogen (NO and NO_2 expressed as NO_2)	25 mg/m^3	Spot sample		ISO 10849		
A1	PCDD/F	0.1ng/m^3	6 – 8h random samples during steady state conditions		BS EN 1948		
A1	Mercury and its compounds	0.05 mg/m^3	Spot samples for at least 4 hours		BS EN 13649		
A1	Metals				USEPA method 29 or BS EN 14385		

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
A1	PAH				BS EN 1948		
A1	PCB				BS EN 1948		
A2	Particulate Matter	5 mg/m^3	Daily Average		BS ISO 10155		
A2	VOC as Total Organic Carbon (TOC)	20 mg/m^3	1 hour period		BS EN 12619		
A2	Carbon monoxide	100 mg/m^3	Hourly Average		ISO 12039		
A2	Sulphur dioxide	25 mg/m^3	15 minute average		BS6069:Section 4.4:1993 (ISO 7935:1992)		
A2	Oxides of nitrogen (NO and NO_2 expressed as NO_2)	25 mg/m^3	Spot sample		ISO 10849		
A2	PCDD/F	0.1ng/m^3	6 – 8h random samples during steady state conditions		BS EN 1948		
A2	Mercury and its compounds	0.05 mg/m^3	Spot samples for at least 4 hours		BS EN 13649		
A2	Metals				USEPA method 29 or BS EN		

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
					14385		
A2	PAH				BS EN 1948		
A2	PCB				BS EN 1948		
A5	Oxides of nitrogen (NO and NO_2 expressed as NO_2)	400 mg/m^3	Spot	156.87	ISO 10849	25.08.2017 09:42– 10:41	3%

[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 19.10.2017