

Permit Number: EPR/EP3935UC Operator: Real Alloy UK limited

Facility: Waunarllwydd Works Form Number: Air1 / 21/02/23

Reporting of emissions to air for the period from 01/07/2023 to 30/09/2023

Emission Point	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
	Substance / Parameter	Limit Value					
A4	Particulate Matter	5 mg/m ³	Continuous	3.4	BS EN 13284-1 and MID	25 th July 2023 11.40-13.10; 13.12 – 14.42	0.20
	Oxides of Nitrogen (as NO ₂)	60 mg/m ³	Average extractive sample	20.6	BS EN 14792 and MID	25 th July 2023 11.47-14.47	1.54
	Hydrogen chloride	10 mg/m ³	Average extractive sample	0.01	BS EN 1911	25 th July 2023 11.38-14.38	0.001
	Volatile Organic Compounds	30 mg/m ³	Average extractive sample	22.7	BS EN 12619	25 th July 2023 11.47-14.47	0.74
	Sulphur dioxide	50 mg/m ³	Average extractive sample	3.2	BS EN 14791	25 th July 2023 11.40-13.10; 13.12 – 14.42	0.18
	Hydrogen fluoride	1 mg/m ³	Periodic over minimum 1 hr period	0.03	BS ISO 15713 and MID	25 th July 2023 11.38-14.38	0.003
	Dioxins (ITEQ)	0.1 ng/m ³	Periodic minimum 6 hours, maximum 8 hour period		BS EN 1948 Parts 1, 2 and 3 and MID		
	Particulate Matter	4500 kg/year	Annual total				

[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 Allen Whelan
(Authorised to sign as representative of Operator)

Date 29th September 2023