Permit Number: EPR/KP3235SS Operator: IQE (Europe) Limited

Facility: IQE (Europe) Limited Form Number: A1

Reporting of emissions to air for the period from 01/01/2022 **to** 17/6/2022

Submission date: 20/07/2022.

Emissions to Air							
Emission Point	Substance/Parameter	Emission Limit Value	Result[1]	Test Method[2]	Sample Date and Times [3]	Accreditation/ Certification [4]	Uncertainty [5]
A1	Ammonia(7)	10 mg/m^3	0.05 mg/m^3	BS EN 14791	17 June 2022 - 12:40 - 13:41	MCERTS	+/-0.01
A1	Hydrogen Chloride	10 mg/m^3	0.03 mg/m^3	BS EN 1911	17 June 2022 - 14:05 - 15:06	MCERTS	+/-0.01
A3	Arsine(6)	0.42 mg/m^3	0.037 mg/m^3	BS EN 14385	17 June 2022 - 09:40 - 10:40	MCERTS	+/-0.013
A3	Phosphine(6)	0.42 mg/m^3	0.037 mg/m^3	BS EN 14385	17 June 2022 - 09:40 - 10:40	MCERTS	+/-0.013
A3	Ammonia(7)	9 mg/m^3	0.06 mg/m^3	BS EN 14791	17 June 2022 - 11:02 - 12:02	MCERTS	+/-0.01

[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 accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

[6] Total arsenic and phosphorus compounds (expressed as arsenic)

[7] As analysed concentration

Andrew Mason
Group HSE Manager.