

Permit Number: EPR/ZP3032KQ

Operator:

Dwr Cymru Cyfyngedig

Facility: Afan CHP Facility

Form Number: Air1 / 31/01/2022

Reporting of emissions to air for the period from 01/01/2021 to 31/12/2021

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	500 mg/m ³	Hourly average	411.68 mg/m ³	BS EN 14792	03/08/2021 12:40 – 13:40	2%
A1	Carbon Monoxide	1400 mg/m ³	Hourly average	737.58 mg/m ³	BS EN 15058	03/08/2021 12:40 – 13:40	2%
A1	Sulphur Dioxide	339 mg/m ³	Hourly average	17.33 mg/m ³	BS EN 14791	03/08/2021 12:40 – 13:40	13%
A2	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	500 mg/m ³	Hourly average	1402.74 mg/m ³	BS EN 14792	03/08/2021 14:04 – 15:04	2%
A2	Carbon Monoxide	1400 mg/m ³	Hourly average	1062.41 mg/m ³	BS EN 15058	03/08/2021 14:04 – 15:04	2%
A2	Sulphur Dioxide	339 mg/m ³	Hourly average	12.46 mg/m ³	BS EN 14791	03/08/2021 14:04 – 15:04	13%
A3 (Boiler1)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	170 mg/m ³	Hourly average	165.5 mg/m ³	BS EN 14792	04/08/2021 11:05 – 12:30	2%
A3 (Boiler1)	Carbon Monoxide	75 mg/m ³	Hourly average	38.6 mg/m ³	BS EN 15058	04/08/2021 11:05 – 12:30	3%
A3 (Boiler1)	Sulphur Dioxide	160 mg/m ³	Hourly average	22.8 mg/m ³	BS EN 14791	04/08/2021 11:05 – 12:30	3%
A4 (Boiler 2)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	170 mg/m ³	Hourly average	123.4 mg/m ³	BS EN 14792	16/12/2021 12:13 – 13:29	4%
A4 (Boiler 2)	Carbon Monoxide	75 mg/m ³	Hourly average	6.48 mg/m ³	BS EN 15058	16/12/2021 12:13 – 13:29	3%
A4 (Boiler 2)	Sulphur Dioxide	160 mg/m ³	Hourly average	2.43 mg/m ³	BS EN 14791	16/12/2021 12:13 – 13:29	13%

- [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 the Environment Agency 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 31/01/2022

(Authorised to sign as representative of Operator)

ANDREW DIXON, ENERGY OPS MANAGER