

Permit Number: **EPR/ZP3939GL**

Operator: **Western Bio-Energy Limited**

Facility: **Western Wood Energy Plant - Margam**

Form Number: **Air 1** (Continuous Monitoring)

Reporting of emissions to air for the period from:

01/01/2023 to 31/01/2023

Max Av

Emission Point	Substance / Parameter	Emission Limit Value <sup>(4)</sup>	Reference Period	Maximum Result <sup>[1]</sup> mg/m3	Average Result <sup>[2]</sup> mg/m3	Number of daily exceedances in period >ELV	Number of Hourly exceedances in period >200%ELV	Test Method <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
A1	Particulate Matter	10 mg/m3	Hourly average (continuous)	2.32	1.16		0	MCERT CEMS	30%
A1	Particulate Matter	10 mg/m3	Daily mean of hourly averages (continuous)	1.38	1.16	0		MCERT CEMS	30%
A1	Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	250 mg/m3	Hourly average (continuous)	247.63	203.57		0	MCERT CEMS	30%
A1	Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	250 mg/m3	Daily mean of hourly averages (continuous)	239.68	203.60	0		MCERT CEMS	30%
A1	Carbon monoxide	250 mg/m3	Hourly average (continuous)	375.97	58.98		0	MCERT CEMS	10%
A1	Carbon monoxide	250 mg/m3	Daily mean of hourly averages (continuous)	73.80	56.47	0		MCERT CEMS	10%

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.

2) For continuous measurements the percentage of the process operating time covered by the result is given. Method in accordance with BS EN 15267-3, but reference Note 2 of Table S4.1 in Permit.

3) For continuous measurements the percentage of the process operating time covered by the result is given. Method in accordance with BS EN 15267-3, but reference note 2 of Table S4.1 in Permit.

4) 3) The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

5) 95% of the of validated hourly averages within a calendar year do not exceed 200% of ELV.

Signed .....  
(Authorised on behalf of Western Bio-Energy Limited)

Date: 03/02/2023