

Permit Number: **EPR/ZP3939GL**

Operator: **Western Bio-Energy Limited**

Facility: **Western Wood Energy Plant - Margam**
 Reporting of emissions to air for the period from:

Form Number: **Air 1** (Continuous Monitoring)
 01/02/2023 to 28/02/2023

| Emission Point | Substance / Parameter | Emission Limit Value ⁽⁴⁾ | Reference Period | Max | Av | Number of daily exceedences in period >ELV | Number of Hourly exceedences in period >200%ELV | Test Method ⁽³⁾ | Uncertainty ⁽⁴⁾ |
|----------------|---|-------------------------------------|--|-------------------------------------|-------------------------------------|--|---|----------------------------|----------------------------|
| | | | | Maximum Result ⁽¹⁾ mg/m3 | Average Result ⁽²⁾ mg/m3 | | | | |
| A1 | Particulate Matter | 10 mg/m3 | Hourly average (continuous) | 1.95 | 1.00 | | 0 | MCERT CEMS | 30% |
| A1 | Particulate Matter | 10 mg/m3 | Daily mean of hourly averages (continuous) | 1.10 | 1.00 | 0 | | MCERT CEMS | 30% |
| A1 | Oxides of nitrogen (NO and NO ₂ expressed as NO ₂) | 250 mg/m3 | Hourly average (continuous) | 250.00 | 227.17 | | 0 | MCERT CEMS | 30% |
| A1 | Oxides of nitrogen (NO and NO ₂ expressed as NO ₂) | 250 mg/m3 | Daily mean of hourly averages (continuous) | 238.60 | 227.02 | 0 | | MCERT CEMS | 30% |
| A1 | Carbon monoxide | 250 mg/m3 | Hourly average (continuous) | 208.37 | 64.73 | | 0 | MCERT CEMS | 10% |
| A1 | Carbon monoxide | 250 mg/m3 | Daily mean of hourly averages (continuous) | 70.10 | 64.57 | 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: 05/03/2023