

Permit Number : EPR/DP3923RS	Operator : Biomass UK No.1 LLP
Facility : Hull Energy Production Facility	Form Number : Air 9 31/07/2024

Reporting of periodically monitored emissions to air for the period from 01/04/2024 to 30/06/2024.

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method	Result Date and Time ^[2]	Uncertainty ^[3]
A1	Hydrogen fluoride	1 mg/m ³	Average of three consecutive measurements of at least 30 minutes each		CEN TS 17340		
A1	Cadmium & thallium and their compounds (total)	0.02 mg/m ³	Average of three consecutive measurements of at least 30 minutes each		BS EN 14385		
A1	Mercury and its compounds	0.02 mg/m ³	Average of three consecutive measurements of at least 30 minutes each		BS EN 13211		
A1	Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V and their compounds (total)	0.3 mg/m ³	Average of three consecutive measurements of at least 30 minutes each		BS EN 14385		
A1	Dioxins / Furans (I-TEQ)	0.06 ng/m ³	periodic over minimum 6 hours, maximum 8 hour period		BS EN 1948 Parts 1, 2 and 3		
A1	Dioxins / Furans (I-TEQ)	0.08 mg/m ³	value over sampling period of 2 to 4 weeks for long term sampling		CEN TS 1948-5		

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method	Result Date and Time ^[2]	Uncertainty ^[3]
A1	Dioxin-like PCBs (WHO-TEQ Humans / Mammals)	No limit applies	periodic over minimum 6 hours, maximum 8 hour period value over sampling period of 2 to 4 weeks for long term sampling		EN 1948 Parts 1, 2 and 4 CEN TS 1948-5		
A1	Dioxin-like PCBs (WHO-TEQ Fish)	No limit applies	periodic over minimum 6 hours, maximum 8 hour period value over sampling period of 2 to 4 weeks for long term sampling		EN 1948 Parts 1, 2 and 4 CEN TS 1948-5		
A1	Dioxin-like PCBs (WHO-TEQ Birds)	No limit applies	periodic over minimum 6 hours, maximum 8 hour period value over sampling period of 2 to 4 weeks for long term sampling		EN 1948 Parts 1, 2 and 4 CEN TS 1948-5		

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method	Result Date and Time ^[2]	Uncertainty ^[3]
A1	Dioxins / furans (WHO-TEQ Humans / Mammals)	No limit applies	periodic over minimum 6 hours, maximum 8 hour period		BS EN 1948 Parts 1, 2 and 3		

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method	Result Date and Time ^[2]	Uncertainty ^[3]
A1	Dioxins / furans (WHO-TEQ Fish)	No limit applies	periodic over minimum 6 hours, maximum 8 hour period		BS EN 1948 Parts 1, 2 and 3		
A1	Dioxins / furans (WHO-TEQ Birds)	No limit applies	periodic over minimum 6 hours, maximum 8 hour period		BS EN 1948 Parts 1, 2 and 3		
A1	Polybrominated dibenzo-dioxins and furans	No limit applies	periodic over minimum 6 hours, maximum 8 hour period		Method based on procedural requirements of EN 1948		
	<i>Poly-cyclic aromatic hydrocarbons (PAHs)</i>		periodic over minimum 6 hours, maximum 8 hour period				
A1	Total	No limit applies			BS ISO 11338-1 and BS ISO 1138-2		
A1	Anthanthrene	No limit applies					
A1	Benzo{a}anthracene	No limit applies					

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method	Result Date and Time ^[2]	Uncertainty ^[3]
A1	Benzo[b]fluoranthene	No limit applies					
A1	Benzo[k]fluoranthene	No limit applies					
A1	Benzo[b]naph(2,1-d)thiophene	No limit applies					
A1	Benzo[c]phenanthrene	No limit applies					
A1	Benzo[ghi]perylene	No limit applies					
A1	Benzo[a]pyrene	No limit applies					
A1	Cholanthrene	No limit applies					
A1	Chrysene	No limit applies					
A1	Cyclopenta(c,d)pyrene	No limit applies					
A1	Dibenzo[ah]anthracene	No limit applies					
A1	Dibenzo[a,i]pyrene	No limit applies					
A1	Fluoranthene	No limit applies					

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method	Result Date and Time ^[2]	Uncertainty ^[3]
A1	Indo[1,2,3-cd]pyrene	No limit applies					
A1	Naphthalen	No limit applies					
A1	Nitrous Oxide	No limit applies	average of three consecutive measurements of at least 30 minutes		EN 21258 ISO		

[1] For dioxins and dioxin-like PCBs, the result are to be reported as a range based on: All congeners less than the detection limit assumed to be zero as a minimum, and all congeners less than the detection limit assumed to be at the detection limit as a maximum

[2] The date and time of the sample that produced the result is given.

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

Note: Site was not operational during this period. As a result, third party monitoring results have not been able to be taken.

Signed:  ...Charlie Holmes (Sol Environment).....
(authorised to sign as representative of Biomass UK No.1 LLP)

Date 31/07/2024.