

Eastern Creek Power Station

Licence Number: 10042

Licence Holder: EDL LFG (NSW) PTY LTD

Licencee Address: Eastern Creek Waste Management Centre, Wallgrove Road, Eastern Creek NSW 2766

Testing year: 2023

Testing Required Discharge and Monitoring Point: Unit 4, LFG Supply Line.

Location of Monitoring Point	Sampled	Obtained	Published	Frequency	Pollutant	Units of Measure	Licence Limit	No. Samples Required by Licence	No. Samples you collected and Analysed	Value	Exceedance (Yes / No)
Discharge and Monitoring Point 4, Unit 4 - Air emissions monitoring. Discharge to air. Gas engine exhaust stack labelled GM4 on drawing number 902-BA-002 Rev 0	29/03/23	1/06/23	1/06/23	Point 1-4 and 6 must be sampled every 5 years	Carbon dioxide	%		1	1	12.8	
					Carbon monoxide	mg/Nm ³		1	1	990	
					Dry gas density	kg/Nm ³		1	1	1.36	
					Moisture Content	%		1	1	9.1	
					Molecular weight of stack gases	g/g mol		1	1	30.5	
					Nitrogen Oxides	mg/Nm ³	<450	1	1	360	No
					Oxygen (O2)	%		1	1	8.1	
					Sulfuric acid mist and sulfur trioxide (as SO3)	mg/Nm ³	<100	1	1	1.2	No
					Sulphur dioxide	mg/Nm ³		1	1	<6	
					Temperature	°C		1	1	418	
					Velocity	m/s		1	1	24	
					Volumetric flowrate	Nm ³ /s		1	1	0.83	
Discharge and Monitoring Point 5, LFG Supply Line - Air monitoring in gas supply line, Landfill gas supply line labelled supply gas on drawing number 902-BA-001 Rev 2	29/03/23	1/06/23	1/06/23	Point 5 must be sampled on any year whenever points 1-4 are sampled	Carbon dioxide	%		1	1	26	
					Dry gas density	kg/Nm ³		1	1	1.23	
					Moisture Content	%		1	1	3.0	
					Molecular weight of stack gases	g/g mol		1	1	27.6	
					Oxygen (O2)	%		1	1	4.7	
					Temperature	°C		1	1	43	
					Velocity	m/s		1	1	2.7	
					Volatile organic compounds (as n-propane)	mg/Nm ³		1	1	65	
					Volumetric flowrate	Nm ³ /s		1	1	0.19	
					H2S	ppm				5.4	
Siloxanes	ppm				0.31						