

Grange Avenue Landfill Gas Power Station

Licence Number: 13337  
 Licence Holder: EDL LFG (NSW) Pty Ltd  
 Licensee Address: Grange Avenue (West), Marsden Park, NSW 2765  
 Testing year: 2021  
 Testing required: Point 1 and Point 2 once every 5 years

Location of Monitoring Point	Date Sampled	Date Obtained	Date Published	Pollutant	Units of Measure	No. Samples Required by Licence	No. Samples collected and Analysed	Value	Licence Limit	Exceedance (Yes/No)
Discharge and Monitoring Point 1, Air emissions, Emissions from Engine Number One	14/09/21	18/10/21	22/10/21	Carbon dioxide	%	1/5 years	1	10		
				Carbon monoxide	mg/m3	1/5 years	1	930		
				Dry gas density	kg/m3	1/5 years	1	1.34		
				Moisture Content	%	1/5 years	1	12		
				Molecular weight of stack gases	g/g.mol	1/5 years	1	30.1		
				Nitrogen Oxides at 7% O2	mg/m3	1/5 years	1	210	450	No
				Oxygen	%	1/5 years	1	8.5		
				Sulfur Dioxides	mg/m3	1/5 years	1	<6		
				Sulfuric acid mist as Sulfur trioxides at 7% O2	g/m3	1/5 years	1	0.0004581	0.1	No
				Temperature	Deg C	1/5 years	1	402		
				Velocity	m/s	1/5 years	1	25		
				Volumetric Flowrate	m3/s	1/5 years	1	0.77		
				Discharge and Monitoring Point 2, Air emissions, Emissions from Gas Supply Line	14/09/21	18/10/21	22/10/21	Carbon dioxide	%	1/5 years
Dry gas density	kg/m3	1/5 years	1					1.2		
Moisture Content	%	1/5 years	1					<0.4		
Molecular weight of stack gases	g/g.mol	1/5 years	1					27		
Oxygen	%	1/5 years	1					1.4		
Temperature	deg C	1/5 years	1					-		
Velocity	m/s	1/5 years	1					-		
Volumetric Flowrate	m3/s	1/5 years	1					-		

Note: All results are compliant with Environmental Licence 13337

Change Log

Date Change  
 22/10/2021 Changed Oxygen correction to 7% as per updated licence