Mandalong Waste Coal Mine Gas Power Station

Licence Number: 21230

Licence Holder: EDL CSM (NSW) PTY LTD

Licensee Address: Mandalong Power Station Lot 5 Kerry Anderson Drive, Mandalong NSW 2264

Testing year: FY25

Testing required: Engines 1 -4

Testing frequency: Engines 1 - 4 Annually

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 (Corrected to 3% o2)	Licence Limit	Exceedance (Yes/No
EPA identification no. 1, located on Exhaust stack Unit 4	22/10/24	11/02/25	12/02/25	Dry gas density	kg/m^3	1	1	1.31		
				Moisture content	%	1	1	9.8		
				Molecular weight of stack gases	g/gram mol	1	1	29.4		
				Nitrogen Oxides	mg/m^3	1	1	410	450	**No**
				Oxygen (O2) concentration	%	1	1	9.02		
				Temperature	°C	1	1	480		
				Velocity	m/s	1	1	31.5		
				Volumetric flow rate	m^3/s	1	1	2		
EPA identification no. 2, located on Exhaust stack Unit 3	23/10/24	11/02/25	12/02/25	Dry gas density	kg/m^3	1	1	1.31		
				Moisture content	%	1	1	13.8		
				Molecular weight of stack gases	g/gram mol	1	1	29.33		
				Nitrogen Oxides	mg/m^3	1	1	420	450	**No**
				Oxygen (O2) concentration	%	1	1	9.22		
				Temperature	°C	1	1	471		
				Velocity	m/s	1	1	33.4		
				Volumetric flow rate	m^3/s	1	1	2		
EPA identification no. 3, located on Exhaust stack Unit 2	05/02/25	11/02/25	12/02/25	Dry gas density	kg/m^3	1	1	1.31		
				Moisture content	%	1	1	11.4		
				Molecular weight of stack gases	g/gram mol	1	1	29.38		
				Nitrogen Oxides	mg/m^3	1	1	420	450	**No**
				Oxygen (O2) concentration	%	1	1	9.06		
				Temperature	°C	1	1	418		
				Velocity	m/s	1	1	32.8		
				Volumetric flow rate	m^3/s	1	1	140		
EPA identification no. 4, located on Exhaust stack Unit 1	23/10/24	11/02/25	12/02/25	Dry gas density	kg/m^3	1	1	1.31		
				Moisture content	%	1	1	11.7		
				Molecular weight of stack gases	g/gram mol	1	1	29.4		
				Nitrogen Oxides	mg/m^3	1	1	400	450	**No**
				Oxygen (O2) concentration	%	1	1	9		
				Temperature	°C	1	1	469		
				Velocity	m/s	1	1	29.8		
				Volumetric flow rate	m^3/s	1	1	55		