

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: FY26
 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% O ₂)	Licence Limit	Exceedance (Yes/No)
EPA identification no. 1, located on Exhaust stack Unit 4	20/01/26	30/01/26	30/01/26	Dry gas density	kg/m ³	1	1	1.31		
				Moisture content	%	1	1	11.2		
				Molecular weight of stack gases	g/gram mol	1	1	29.36		
				Nitrogen Oxides	mg/m ³	1	1	402	450	No
				Oxygen (O ₂) concentration	%	1	1	9.46		
				Temperature	°C	1	1	431		
				Velocity	m/s	1	1	34		
				Volumetric flow rate	Nm ³ /s	1	1	2.28		
EPA identification no. 2, located on Exhaust stack Unit 3	15/10/25	30/01/26	30/01/26	Dry gas density	kg/m ³	1	1	1.31		
				Moisture content	%	1	1	9.9		
				Molecular weight of stack gases	g/gram mol	1	1	29.39		
				Nitrogen Oxides	mg/m ³	1	1	445	450	No
				Oxygen (O ₂) concentration	%	1	1	9.45		
				Temperature	°C	1	1	471		
				Velocity	m/s	1	1	33.6		
				Volumetric flow rate	Nm ³ /s	1	1	2.2		
EPA identification no. 3, located on Exhaust stack Unit 2	15/10/25	30/01/26	30/01/26	Dry gas density	kg/m ³	1	1	1.31		
				Moisture content	%	1	1	10.6		
				Molecular weight of stack gases	g/gram mol	1	1	29.41		
				Nitrogen Oxides	mg/m ³	1	1	419	450	No
				Oxygen (O ₂) concentration	%	1	1	9.20		
				Temperature	°C	1	1	461		
				Velocity	m/s	1	1	36.98		
				Volumetric flow rate	Nm ³ /s	1	1	2.43		
EPA identification no. 4, located on Exhaust stack Unit 1	20/01/26	30/01/26	30/01/26	Dry gas density	kg/m ³	1	1	1.31		
				Moisture content	%	1	1	10.7		
				Molecular weight of stack gases	g/gram mol	1	1	29.36		
				Nitrogen Oxides	mg/m ³	1	1	438	450	No
				Oxygen (O ₂) concentration	%	1	1	9.39		
				Temperature	°C	1	1	445		
				Velocity	m/s	1	1	36.1		
				Volumetric flow rate	Nm ³ /s	1	1	2.4		