

Glennies Creek Waste Coal Mine Gas Power Station

Licence Number: 12614
 Licence Holder: EDL (OCI) Pty Limited
 Licensee Address: Cnr Nobles Land & Middle Falbrook Road, SINGLETON NSW 2330
 Testing year: 2024
 Testing required: Engines 7 to 12
 Testing frequency: Engines 1-6 each odd numbered year and Engines 7 to 12 each even numbered year



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 7 (Air emissions from Engine 7)	09/04/24	23/04/24	23/04/24	Oxygen	%	1	1	10.24		
				Moisture Content	%	1	1	9.7		
				Molecular weight of stack gases	g/g mol	1	1	29.29		
				Nitrogen Oxides as NO2 @ 3% O2	mg/m3	1	1	436	450	No
				Dry gas density	kg/m3	1	1	1.32		
				Temperature	°C	1	1	451		
				Velocity	m/s	1	1	45.9		
Volumetric flowrate	m3/s	1	1	195						
Discharge and Monitoring Point 8 (Air emissions from Engine 8)	09/04/24	23/04/24	23/04/24	Oxygen	%	1	1	10.39		
				Moisture Content	%	1	1	4.1		
				Molecular weight of stack gases	g/g mol	1	1	29.33		
				Nitrogen Oxides as NO2 @ 3% O2	mg/m3	1	1	327	450	No
				Dry gas density	kg/m3	1	1	1.32		
				Temperature	°C	1	1	437		
				Velocity	m/s	1	1	45.2		
Volumetric flowrate	m3/s	1	1	192						
Discharge and Monitoring Point 9 (Air emissions from Engine 9)	09/04/24	23/04/24	23/04/24	Oxygen	%	1	1	10.02		
				Moisture Content	%	1	1	7.9		
				Molecular weight of stack gases	g/g mol	1	1	29.36		
				Nitrogen Oxides as NO2 @ 3% O2	mg/m3	1	1	384	450	No
				Dry gas density	kg/m3	1	1	1.32		
				Temperature	°C	1	1	424		
				Velocity	m/s	1	1	39.6		
Volumetric flowrate	m3/s	1	1	168						
Discharge and Monitoring Point 10 (Air emissions from Engine 10)	09/04/24	23/04/24	23/04/24	Oxygen	%	1	1	10.06		
				Moisture Content	%	1	1	5.3		
				Molecular weight of stack gases	g/g mol	1	1	29.34		
				Nitrogen Oxides as NO2 @ 3% O2	mg/m3	1	1	367	450	No
				Dry gas density	kg/m3	1	1	1.32		
				Temperature	°C	1	1	438		
				Velocity	m/s	1	1	44.5		
Volumetric flowrate	m3/s	1	1	189						
Discharge and Monitoring Point 11 (Air emissions from Engine 11)	09/04/24	23/04/24	23/04/24	Oxygen	%	1	1	10.28		
				Moisture Content	%	1	1	3.4		
				Molecular weight of stack gases	g/g mol	1	1	29.34		
				Nitrogen Oxides as NO2 @ 3% O2	mg/m3	1	1	339	450	No
				Dry gas density	kg/m3	1	1	1.32		
				Temperature	°C	1	1	451		
				Velocity	m/s	1	1	42.1		
Volumetric flowrate	m3/s	1	1	178						
Discharge and Monitoring Point 12 (Air emissions from Engine 12)	09/04/24	23/04/24	23/04/24	Oxygen	%	1	1	10.58		
				Moisture Content	%	1	1	6.1		
				Molecular weight of stack gases	g/g mol	1	1	29.32		
				Nitrogen Oxides as NO2 @ 3% O2	mg/m3	1	1	408	450	No
				Dry gas density	kg/m3	1	1	1.32		
				Temperature	°C	1	1	447		
				Velocity	m/s	1	1	45.0		
Volumetric flowrate	m3/s	1	1	191						