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	23/04/2024 (republished 02/09/2024)	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/Nm3	1	1	1.32		
				Temperature	°C	1	1	451		
				Velocity	m/s	1	1	45.9		
				Dry Volumetric flow rate	Nm3/s	1	1	3.25		
Discharge and Monitoring Point 8 (Air emissions from Engine 8)	09/04/24	23/04/24	23/04/2024 (republished 02/09/2024)	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/Nm3	1	1	1.32		
				Temperature	°C	1	1	437		
				Velocity	m/s	1	1	45.2		
				Dry Volumetric flow rate	Nm3/s	1	1	1.15		
Discharge and Monitoring Point 9 (Air emissions from Engine 9)	09/04/24	23/04/24	23/04/2024 (republished 02/09/2024)	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/Nm3	1	1	1.32		
				Temperature	°C	1	1	424		
				Velocity	m/s	1	1	39.6		
				Dry Volumetric flow rate	Nm3/s	1	1	0.99		
Discharge and Monitoring Point 10 (Air emissions from Engine 10)	09/04/24	23/04/24	23/04/2024 (republished 02/09/2024)	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/Nm3	1	1	1.32		
				Temperature	°C	1	1	438		
				Velocity	m/s	1	1	44.5		
				Dry Volumetric flow rate	Nm3/s	1	1	1.12		
Discharge and Monitoring Point 11 (Air emissions from Engine 11)	09/04/24	23/04/24	23/04/2024 (republished 02/09/2024)	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/Nm3	1	1	1.32		
				Temperature	°C	1	1	451		
				Velocity	m/s	1	1	42.1		
				Dry Volumetric flow rate	Nm3/s	1	1	1.04		
Discharge and Monitoring Point 12 (Air emissions from Engine 12)	09/04/24	23/04/24	23/04/2024 (republished 02/09/2024)	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/Nm3	1	1	1.32		
				Temperature	°C	1	1	447		
				Velocity	m/s	1	1	45.0		
				Dry Volumetric flow rate	Nm3/s	1	1	1.11		

Change Log:		
	17/05/2024	*Revision of volumetric flowrate values and units for Points 7-12.*
	2/09/2024	*Revision of volumetric flowrate values and revision of dry gas density units for Points 7-12.*