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: 2016

Testing required: Approximately half the engines on an annual basis

Location of Monitoring Point	Frequency	Sampled	Obtained	Published	Pollutant	Units of Measure	Licence Limit	Value	Exceedance (Yes/No
Discharge and Monitoring Point 6, Air emissions, Emissions from Engine Number six	Point 1-6 in odd year, Point 7-12 in even year	26/02/2016	12/04/2016	28/04/2016	Dry gas density	kg/m3		1.31	
					Moisture Content	%		6.7	
					Molecular weight of stack gases	g/gmol		29.32	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	429	No
					Oxygen (O2)	%		8.8	
					Temperature	°C		435	
					Velocity	m/s		40	
					Volumetric flowrate	m3/s		2.87	
Discharge and Monitoring Point 7, Air emissions, Emissions from Engine Number Seven	**Point 1-6** in odd year, **Point 7-12** in even year	26/02/2016	12/04/2016	28/04/2016	Dry gas density	kg/Nm3		1.31	
					Moisture Content	%		8.3	
					Molecular weight of stack gases	g/g-mol		29.3	
					Nitrogen Oxides	mg/Nm3	<450 Dry 273K 101.3kPa 3%O2 correction	341	No
					Oxygen (O2)	%		9.6	
					Temperature	°C		473	
					Velocity	m/s		42	
					Volumetric flowrate	Nm3/s		3	
Discharge and Monitoring Point 8, Air emissions, Emissions from Engine Number Eight	**Point 1-6** in odd year, **Point 7-12** in even year	26/02/2016	12/04/2016	28/04/2016	Dry gas density	kg/Nm3		1.31	
					Moisture Content	%		7.1	
					Molecular weight of stack gases	g/g-mol		29.3	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	316	No
					Oxygen (O2)	%		8.9	
					Temperature	°C		438	
					Velocity	m/s		40	
					Volumetric flowrate	Nm3/s		2.8	
Discharge and Monitoring Point 9, Air emissions, Emissions from Engine Number Nine	**Point 1-6** in odd year, **Point 7-12** in even year	26/02/2016	12/04/2016	28/04/2016	Dry gas density	kg/m3		1.31	
					Moisture Content	%		6.7	
					Molecular weight of stack gases	g/g-mol		29.3	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	395	No
					Oxygen (O2)	%		9.2	
					Temperature	°C		446	
					Velocity	m/s		37	
					Volumetric flowrate	Nm3/s		2.6	
Discharge and Monitoring Point 10, Air emissions, Emissions from Engine Number Ten	**Point 1-6** in odd year, **Point 7-12** in even year	26/02/2016	12/04/2016	28/04/2016	Dry gas density	kg/Nm3		1.31	
					Moisture Content	%		5	
					Molecular weight of stack gases	g/g-mol		29.3	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	412	No
					Oxygen (O2)	%		9	
					Temperature	°C		437	
					Velocity	m/s		40	
					Volumetric flowrate	Nm3/s		2.9	
Discharge and Monitoring Point 11, Air emissions, Emissions from Engine Number Eleven	**Point 1-6** in odd year, **Point 7-12** in even year	26/02/2016	12/04/2016	28/04/2016	Dry gas density	kg/Nm3		1.31	
					Moisture Content	%		7.8	
					Molecular weight of stack gases	g/g-mol		29.3	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	388	No
					Oxygen (O2)	%		9.1	
					Temperature	°C		489	

					Velocity	m/s		44.0	
					Volumetric flowrate	Nm3/s		3.2	

Note the application for addition of Engine 12 was made in 7/7/15
Note the approval for the addition of Engine 12 was granted on 8/09/15
Note Engine 12 was tested for the first time in 2017 then each even numbered year

Change Log

Date	Change
22/07/2020	Included testing required by licence in data sheet
22/07/2020	Included sampled date, obtained date published date and changed date column title to 'Value'
22/07/2020	Included notes to address testing for engine 12