

Glennies Creek Waste Coal Mine Gas Power Station

Licence Number: 12614  
 Licence Holder: EDL (OC) Pty Limited  
 Licensee Address: Cnr Nobles Land & Middle Falbrook Road, SINGLETON NSW 2330  
 Testing year: 2018  
 Testing required: Approximately half the engines on an annual basis

Location of Monitoring Point	Date Sampled	Date Obtained	Date Published	Frequency	Pollutant	Units of Measure	Licence Limit	No. Samples Required by Licence	No. Samples collected and Analysed	Value	Exceedance (Yes/No)
Discharge and Monitoring Point 7, Air emissions, Emissions from Engine Number Seven	20/03/2018	19/06/2018	27/06/2018	Point 1-6 in odd year, Point 7-12 in even year	Dry gas density	kg/Nm3		1	1	1.33	
					Moisture Content	%		1	1	10.00	
					Molecular weight of stack gases	g/g-mol		1	1	29.7	
					Nitrogen Oxides	mg/Nm3	<450 Dry 273K 101.3kPa 3%O2 correction	1	1	443.560	No
					Oxygen (O2)	%		1	1	9.41	
					Temperature	°C		1	1	451	
					Velocity	m/s		1	1	42.2	
Volumetric flowrate	Nm3/s		1	1	1.01						
Discharge and Monitoring Point 8, Air emissions, Emissions from Engine Number Eight	20/03/2018	18/06/2018	27/06/2018	Point 1-6 in odd year, Point 7-12 in even year	Dry gas density	kg/Nm3		1	1	1.31	
					Moisture Content	%		1	1	9.95	
					Molecular weight of stack gases	g/g-mol		1	1	29.4	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	1	1	375.410	No
					Oxygen (O2)	%		1	1	8.86	
					Temperature	°C		1	1	452	
					Velocity	m/s		1	1	48.4	
Volumetric flowrate	Nm3/s		1	1	1.17						
Discharge and Monitoring Point 9, Air emissions, Emissions from Engine Number Nine	20/03/2018	18/06/2018	27/06/2018	Point 1-6 in odd year, Point 7-12 in even year	Dry gas density	kg/m3		1	1	1.32	
					Moisture Content	%		1	1	9.73	
					Molecular weight of stack gases	g/g-mol		1	1	29.5	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	1	1	425.778	No
					Oxygen (O2)	%		1	1	9.42	
					Temperature	°C		1	1	452	
					Velocity	m/s		1	1	42.9	
Volumetric flowrate	Nm3/s		1	1	1.03						
Discharge and Monitoring Point 10, Air emissions, Emissions from Engine Number Ten	20/03/2018	18/06/2018	27/06/2018	Point 1-6 in odd year, Point 7-12 in even year	Dry gas density	kg/Nm3		1	1	1.31	
					Moisture Content	%		1	1	10.20	
					Molecular weight of stack gases	g/g-mol		1	1	29.4	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	1	1	379.996	No
					Oxygen (O2)	%		1	1	9.01	
					Temperature	°C		1	1	461	
					Velocity	m/s		1	1	46.7	
Volumetric flowrate	Nm3/s		1	1	1.10						
Discharge and Monitoring Point 11, Air emissions, Emissions from Engine Number Eleven	20/03/2018	18/06/2018	27/06/2018	Point 1-6 in odd year, Point 7-12 in even year	Dry gas density	kg/Nm3		1	1	1.31	
					Moisture Content	%		1	1	9.98	
					Molecular weight of stack gases	g/g-mol		1	1	29.4	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	1	1	427.959	No
					Oxygen (O2)	%		1	1	8.79	
					Temperature	°C		1	1	459	
					Velocity	m/s		1	1	38.6	
Volumetric flowrate	Nm3/s		1	1	0.918						
Discharge and Monitoring Point 12, Air emissions, Emissions from Engine Number twelve	20/03/2018	18/06/2018	27/06/2018	Point 1-6 in odd year, Point 7-12 in even year	Dry gas density	kg/Nm3		1	1	1.32	
					Moisture Content	%		1	1	9.40	
					Molecular weight of stack gases	g/g-mol		1	1	29.5	
					Nitrogen Oxides	mg/m3	<450 Dry 273K 101.3kPa 3%O2 correction	1	1	448.662	No
					Oxygen (O2)	%		1	1	9.05	
					Temperature	°C		1	1	466	
					Velocity	m/s		1	1	41.3	
Volumetric flowrate	Nm3/s		1	1	0.979						

Change Log

Date Change  
 22/07/2020 Included testing required by licence in data sheet