

Teralba Power Generation Plant

Licence Number: 12088

Licence Holder: Envirogen PTY LTD

Licencee Address: 1 Railway Street TERALBA NSW 2284

Testing Month/Year: Mar-13

Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units of measure	Monitoring frequency required by licence	Licence Limit	No. of times measured	Min. value	Mean value	Max. Value
Point 1 - Air emissions monitoring, Exhaust stack gas engine 1	20/03/13	17/07/14	21/07/14	Dry gas density	kilograms per cubic metre	Yearly		1		1.32	
	20/03/13	17/07/14	21/07/14	Moisture content	Percent	Yearly		1		13.9	
	20/03/13	17/07/14	21/07/14	Molecular weight of stack gases	grams per gram mole	Yearly		1		29.5	
	20/03/13	17/07/14	21/07/14	Nitrogen Oxides	milligrams per normalised cubic metre	6 Monthly	<450 Dry 273K 101.3kPa 7% O2	1		366	
	20/03/13	17/07/14	21/07/14	Oxygen (O2)	percent	Yearly		1		9.2	
	20/03/13	17/07/14	21/07/14	Temperature	degrees Celsius	Yearly		1		431	
	20/03/13	17/07/14	21/07/14	Velocity	metres per second	Yearly		1		39.1	
	20/03/13	17/07/14	21/07/14	Volumetric flowrate	cubic metres per second	Yearly		1		1.08	
Point 2 - Air emissions monitoring, Exhaust stack gas engine 2	20/03/13	17/07/14	21/07/14	Dry gas density	kilograms per cubic metre	Yearly		1		1.32	
	20/03/13	17/07/14	21/07/14	Moisture content	Percent	Yearly		1		15.3	
	20/03/13	17/07/14	21/07/14	Molecular weight of stack gases	grams per gram mole	Yearly		1		29.5	
	20/03/13	17/07/14	21/07/14	Nitrogen Oxides	milligrams per normalised cubic metre	6 Monthly	<450 Dry 273K 101.3kPa 7% O2	1		412	
	20/03/13	17/07/14	21/07/14	Oxygen (O2)	percent	Yearly		1		8.9	

	20/03/13	17/07/14	21/07/14	Temperature	degrees Celsius	Yearly		1	430
	20/03/13	17/07/14	21/07/14	Velocity	metres per second	Yearly		1	48.5
	20/03/13	17/07/14	21/07/14	Volumetric flowrate	cubic metres per second	Yearly		1	1.31
Point 3 - Air emissions monitoring, Exhaust stack gas engine 3	Engine not on site								
Point 4 - Air emissions monitoring, Exhaust stack gas engine 4	20/03/13	17/07/14	21/07/14	Dry gas density	kilograms per cubic metre	Yearly		1	1.32
	20/03/13	17/07/14	21/07/14	Moisture content	Percent	Yearly		1	11.6
	20/03/13	17/07/14	21/07/14	Molecular weight of stack gases	grams per gram mole	Yearly		1	29.5
	20/03/13	17/07/14	21/07/14	Nitrogen Oxides	milligrams per normalised cubic metre	6 Monthly	<450 Dry 273K 101.3kPa 7% O2	1	445
	20/03/13	17/07/14	21/07/14	Oxygen (O2)	percent	Yearly		1	9
	20/03/13	17/07/14	21/07/14	Temperature	degrees Celsius	Yearly		1	440
	20/03/13	17/07/14	21/07/14	Velocity	metres per second	Yearly		1	45.3
	20/03/13	17/07/14	21/07/14	Volumetric flowrate	cubic metres per second	Yearly		1	1.26
Point 5 - Air emissions monitoring, Exhaust stack gas engine 5	Engine not on site								
Point 6 - Air emissions monitoring, Exhaust stack gas engine 6	Engine not on site								
Point 7 - Air emissions monitoring, Exhaust stack gas engine 7	Engine not on site								
Point 8 - Air emissions monitoring, Exhaust stack gas engine 8	Engine not on site								