

EarthPower Technologies Sydney Pty Ltd

<https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=70413&SYSUID=1&LICID=11797>

Test date: 19 July 2022

Date results issued: 2 August 2022

POINT 2 – BIOFILTER EXHAUST STACK

Parameter	Unit of Measure	Frequency	Averaging Period (s)	Result
Carbon dioxide	percent by volume	Yearly	1200 - 2359	<0.4
Carbon monoxide	milligrams per cubic meter	Yearly	1200 - 2359	<3
Dry gas density	kilograms per cubic meter	Yearly	1055 & 1247	1.29
Moisture content	percent	Yearly	1055 & 1247	<0.4
Molecular weight of stack gases	grams per gram mole	Yearly	1055 & 1247	29.0
Oxygen (O ₂)	percent by volume	Yearly	1200 - 2359	20.9
Sulfuric acid mist and sulphur trioxide (as SO ₃)	grams per cubic meter	Yearly	1120 - 1240	0.00025
Temperature	degrees Celsius	Yearly	1055 & 1247	11
Velocity	meters per second	Yearly	1055 & 1247	9.9
Volumetric flowrate	cubic meters per second	Yearly	1055 & 1247	11