

# EarthPower Technologies Sydney Pty Ltd

<https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=285542&SYSUID=1&LICID=11797>

Test date: 5 November 2024  
Date results issued: 13 December 2024

## POINT 2 – BIOFILTER EXHAUST STACK

Parameter	Unit of Measure	Frequency	Averaging Period (s)	Result
Carbon dioxide	percent by volume	Yearly	1101 - 1213	<0.4
Carbon monoxide	milligrams per cubic meter	Yearly	1101 - 1213	<3
Dry gas density	kilograms per cubic meter	Yearly	1045 & 1225	1.20
Moisture content	percent	Yearly	1045 & 1225	2.1
Molecular weight of stack gases	grams per gram mole	Yearly	1045 & 1225	28.8 (wet) 29.0 (dry)
Oxygen (O <sub>2</sub> )	percent by volume	Yearly	1101 - 1213	20.9
Sulfuric acid mist and sulphur trioxide (as SO <sub>3</sub> )	grams per cubic meter	Yearly	1100 - 1221	<0.00002
Temperature	degrees Celsius	Yearly	1045 & 1225	20
Velocity	meters per second	Yearly	1045 & 1225	12
Volumetric flowrate	cubic meters per second	Yearly	1045 & 1225	13