



Eastern Creek 2 Renewable Energy Facility NSW EPA Monitoring Results

Location: Ferrers Road, EASTERN CREEK NSW 2766
Monitoring Point: EP5 – GM5
Monitoring Frequency: Once every five years

Date data obtained: 08 August 2023
Date data Published: 11 September 2023
Previous Sample: 09 August 2018

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
Nitrogen oxides	milligrams per cubic metre	08-08-23	450	390	Yes
Sulfuric acid mist and sulfur trioxide (as SO ₃)	milligrams per cubic metre	08-08-23	100	8.5	Yes
TVOC	milligrams per cubic metre	08-08-23	No limit set	0.85	
Carbon monoxide	milligrams per cubic metre	08-08-23	No limit set	1500	
Carbon dioxide	percent	08-08-23	No limit set	10.6	
Dry gas density	kilograms per cubic metre	08-08-23	No limit set	1.34	
Moisture content	percent	08-08-23	No limit set	8.58	
Molecular weight of stack gases (dry)	grams per gram mole	08-08-23	No limit set	30.1	
Oxygen (O ₂)	percent	08-08-23	No limit set	8.8	
Sulfur dioxide	milligrams per cubic metre	08-08-23	No limit set	1.2	
Temperature	degrees Celsius	08-08-23	No limit set	545	
Velocity	metres per second	08-08-23	No limit set	59.5	
Volumetric flow rate	cubic metres per second	08-08-23	No limit set	4.2	