

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3226

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	Air Contaminant		Emission Rates *	
			lb/hr	TPY		
E-1(A)	Brine Well Heater 0.3 MMBtu/hr		NOx		0.030	0.039
			CO		0.006	0.008
			SO2		<0.001	<0.001
			VOC		0.001	0.001
			PM		0.004	0.005
E-1(B)	Brine Well Heater 0.3 MMBtu/hr		NOx		0.030	0.039
			CO		0.006	0.008
			SO2		<0.001	<0.001
			VOC		0.001	0.001
			PM		0.004	0.005
E-1(C)	Brine Well Heater 0.3 MMBtu/hr		NOx		0.030	0.039
			CO		0.006	0.008
			SO2		<0.001	<0.001
			VOC		0.001	0.001
			PM		0.004	0.005
E-1(D)	Brine Well Heater 0.3 MMBtu/hr		NOx		0.030	0.039
			CO		0.006	0.008
			SO2		<0.001	<0.001
			VOC		0.001	0.001
			PM		0.004	0.005
E-1(E)	Brine Tank Heater 1 MMBtu/hr		CO		0.021	0.028
			SO2		0.001	0.001
			VOC		0.008	0.011
			PM		0.05	0.066
E-1(F)	Brine Tank Heater 3 MMBtu/hr		CO		0.060	0.079
			SO2		0.002	0.002
			VOC		0.024	0.032
			PM		0.15	0.197

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
E-4	Dryer Cyclone	NOx	1.61	3.50
		CO	0.40	0.74
		SO2	0.007	0.021
		VOC	0.032	0.098
		PM (Na2SO4)	10.4	45.5

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
E-5	Fire Tube Boiler	NOx	4.69	20.54
		CO	1.17	5.14
		SO2	0.02	0.08
		VOC	0.09	0.41
		PM	0.46	2.01
FUG	Fugitives	PM (Na2SO4)	4.17	18.3

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter  
 PM10 - particulate matter less than 10 microns  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 NOx - total oxides of nitrogen  
 SO2 - sulfur dioxide  
 CO - carbon monoxide  
 Na2SO4 - sodium sulfate

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Emission Point Numbers E-1 (A, B, C, D, E, and F):

Hrs/day \_\_\_ Days/week \_\_\_ Weeks/year \_\_\_ or Hrs/year 2,628

Emission Point Numbers E-4, E-5, Fugitives:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760