

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9335

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
33	Scrubber Stack (W0-2)	VOC	1.40	6.13
		NO _x	0.60	2.63
		SO ₂ (5)	75.00	99.26
		PM	1.50	6.50
		CO	0.20	0.87
34	Scrubber Stack (ST-W0-2)	VOC		0.15
	0.66			
		NO _x	1.06	4.64
		SO ₂ (5)	75.00	99.26
		PM	0.93	4.14
		CO	0.51	2.23
		H ₂ S	<0.001	0.005
31	Baghouse (S0-3)	PM	0.70	3.10
SF-02	Boiler Stack	VOC	0.02	0.08
		NO _x	1.00	4.42
		PM	0.01	0.05
		CO	0.12	0.53
Tanks	Tank Farm (Tanks SV-01A, 0.09 SV-01B, SV-02A, SV-02B, SV-05, and SR-01)	VOC		
SS-01	Baghouse	PM	0.60	2.62
CA-01	Carbon Adsorber	VOC	0.01	0.05
		TNM	<0.01	<0.01

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<u>Emission Rates *</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>		<u>Name (2)</u>	<u>Name</u>	
<u>(3)</u>	<u>lb/hr</u>	<u>TPY</u>		
CA-02	Carbon Adsorber	VOC TNM	0.01 <0.01	0.05 <0.01
CA-03	Carbon Adsorber	VOC TNM	0.01 <0.01	0.05 <0.01
FUG	Fugitives (4)	VOC	<0.10	<0.43
2S-03	Baghouse	PM	0.53	2.32

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter
 - CO - carbon monoxide
 - TNM - tertiary-nonylmercaptan
 - H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Sulfur dioxide emission rates of 75 lb/hr and 99.26 ton/yr represent the combined maximum emissions from EPNs 33 and 34.

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

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<u>Emission Rates *</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>
<u>Point No. (1)</u>		<u>Name (2)</u>	<u>Name</u>
<u>(3)</u>	<u>lb/hr</u>	<u>TPY</u>	

Hrs/day_____Days/week_____Weeks/year_____or Hrs/year 8,760

Dated_____