

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

<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 (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
33	Scrubber Stack (WO ₂)	VOC	1.55	6.80
		NO _x	1.66	7.30
		SO ₂	80.00	99.26
		PM	2.43	10.64
		CO	0.71	3.10
31	Baghouse (SO 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, SV-01B, SV-02A, SV-02B, SV-05 and SR-01)	VOC		0.09
SS-01	Baghouse	PM	0.06	0.30
CA-01	Carbon Adsorber	VOC	0.01	0.05
		TNM	<0.01	<0.01
CA-02	Carbon Adsorber	VOC	0.01	0.05
		TNM	<0.01	<0.01
CA-03	Carbon Adsorber	VOC	0.01	0.05
		TNM	<0.01	<0.01
FUG	Fugitives (4)	VOC	<0.10	<0.43

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2S-03	Baghouse	PM	0.53	2.32
ST-S-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
WO₂ - tungstic oxide
SO₃ - sulfur trioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Dated _____