

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7264

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)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
A-404	Storage tank	VOC	0.03	<0.01
A-406	Storage tank	VOC	0.04	0.01
SA-407	Scrubber	N2H4	<0.01	<0.01
B-416	Storage tank	VOC	1.84	0.27
B-420	Storage tank	VOC	0.17	0.14
B-421	Storage tank	VOC	0.17	0.14
C-452	Storage tank	VOC	0.15	0.01
C-453	Storage tank	VOC	0.20	0.02
C-455	Storage tank	VOC	0.15	0.01
F-401	Plate and frame (4)	VOC	1.14	1.44
F-402	Backup plate and frame (4)	VOC	4.00	9.78
FUG-3	Fugitives (4)	VOC	2.17	9.46
		N2H4	0.46	2.01
		HNO3	0.25	1.09
FUG-CAKE	Product filter cake (4)	VOC	2.28	10.00
X-401	Incinerator (5)	PM10	0.01	0.03
		SO2	<0.01	<0.01
		NOx	13.77	11.03
		CO	0.04	0.13

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
		VOC	0.16	0.19
		HNO3	0.70	1.50
		BF3	<0.01	<0.01
		N2H4	<0.01	<0.01
		NH3	<0.01	0.02
X-402	Flare (5)	VOC	9.71	5.54
		SO2	<0.01	<0.01
		CO	5.51	2.62
		NOx	14.38	10.51
		HNO3	0.70	1.50
		BF3	<0.01	<0.01
		N2H4	<0.01	<0.01
		NH3	0.08	0.23
DC-400	Filter aid baghouse	PM10	0.10	0.15
DC-401	Lime baghouse	PM10	0.10	0.15

- (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) 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
HNO3 - nitric acid
BF3 - boron trifluoride
N2H4 - hydrazine
NH3 - ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The combined annual emissions from these sources shall not exceed 0.03 TPY PM10, 0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
			TPY SO ₂ , 11.02 TPY NO _x , 2.58 TPY CO, 5.20 TPY VOC, 1.50 TPY HNO ₃ , 0.01 TPY BF ₃ , 0.01 TPY N ₂ H ₄ , and 0.23 TPY NH ₃ .	

- * 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 _____