

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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-406	Storage Tank	VOC	0.04	0.01
SA-407	Scrubber	N ₂ H ₄	0.01	0.01
B-416	Storage Tank	VOC	0.13	0.01
B-420	Storage Tank	VOC	0.02	0.01
B-421	Storage Tank	VOC	0.02	0.01
C-452	Storage Tank	VOC	0.15	0.01
C-455	Storage Tank	VOC	0.04	0.01
F-401	Plate and Frame	VOC	0.39	0.62
F-402	Plate and Frame	VOC	4.00	9.78
FUG-3	Fugitives (4)	VOC	0.75	3.30
		N ₂ H ₄	0.02	0.07
		HNO ₃	0.01	0.03
		BF ₃	0.01	0.01
		NH ₃	0.01	0.05
FUG-CAKE	Product Filter Cake (4)	VOC	2.28	10.00

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X40-402	Flare	VOC	9.03	4.62
		SO ₂	0.01	0.01
		NO _x	110.58	22.54
		CO	5.28	5.20
		HNO ₃	0.70	1.49
		BF ₃	0.01	0.01
		N ₂ H ₄	0.01	0.01
		NH ₃	0.08	0.23
HS-400	Filter Aid Handling System	PM ₁₀	0.10	0.15
HS-401	Filter Aid Handling System	PM ₁₀	0.10	0.15
SA-407	Scrubber	N ₂ H ₄	0.01	0.01
A-3	Loading (4)	VOC	0.12	0.10
A-4	Loading (4)	VOC	0.78	0.42
2-8	Loading (4)	VOC	0.69	2.69

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

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- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
CO - carbon monoxide
N₂H₄ - hydrazine
HNO₃ - nitric acid
BF₃ - boron trifluoride
NH₃ - ammonia

- (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:

8,760 Hrs/day ___Days/week ___Weeks/year or ___Hrs/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated December 18, 2007