

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 41945, PSD-TX-950, and N-018

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
P-3	Product Inhibitor Tank Vent	VOC (5)	<0.001	<0.001
P-5	Antiform Vessel Vent	VOC (5)	<0.001	<0.001
P-6	Low Pressure Flare	VOC (5)	9.75	0.21
		NO _x (5)	0.53	0.06
		CO (5)	3.81	0.41
		SO ₂ (5)	0.01	0.04
		H ₂ S <0.001	<0.001	
P-7	High Pressure Flare	VOC (5)	90.04	3.00
		NO _x (5)	14.23	1.75
		CO (5)	72.50	8.93
		SO ₂ (5)	14.13	0.33
		H ₂ S 0.15	<0.001	
TK-9804	Stormwater Tank	VOC (5)	0.51	0.06
TK-9810	98 percent Sulfuric Acid Tank	H ₂ SO ₄	<0.001	<0.001
		SO ₃ <0.001	<0.001	
CT	Cooling Tower	VOC (5)	3.07	13.43
		PM ₁₀ (5)	2.31	6.72
ALKFUG	Fugitives InAlk Unit	VOC (5)	0.24	1.05
BDEFUG	Fugitives Butadiene Unit	VOC (5)	0.22	0.98
P-10	Tank Truck Loading	VOC (5)	0.22	<0.001

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
P-11	Drum Loading	VOC (5)	0.04	<0.001
BLR	Boiler	VOC (5)	1.22	5.32
		NO _x (5)	1.80	7.90
		CO (5)	18.30	80.10
		PM ₁₀ (5)	1.46	6.40
		SO ₂ (5)	3.25	14.24
		NH ₃	0.63	2.75
NH3FUGST	Fugitives-Ammonia Storage	NH ₃	0.01	0.06
NH3FUGSKID	Fugitives-Injection Skid	NH ₃	0.005	0.02

- (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 30 Texas Administrative Code Section 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 CO - carbon monoxide
 H₂SO₄ - sulfuric acid
 SO₃ - sulfur trioxide
 NH₃ - ammonia
 H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) These emissions are permitted under PSD or Nonattainment review in addition to State.

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

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

Dated September 5, 2001