

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24711

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
E-1	Tank Vent Scrubber	HCl	<0.01	<0.01
E-2	Dust Collector Discharge	NH ₄ Cl	0.18	0.78
E-3	Bagging Bagfilter	NH ₄ Cl	0.09	0.39
E-4	Vent Scrubber Stack	HCl	0.48	1.40
		NH ₃	0.27	0.78
F-1	Fugitives	HCl	0.35	1.54
		NH ₃	0.05	0.23
F-1A	HCL Truck Loading Fugitives (4)	HCl	0.02	0.09
B-2	Boiler	VOC	0.10	0.44
		NO _x	1.70	7.45
		CO	0.36	1.58
		SO ₂	0.01	0.04
		PM ₁₀	0.20	0.88
T-1	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-2	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-3	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-4	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-6	Tank Vent	NH ₄ Cl	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
T-7	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-8	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-9	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-14	Reactor Vent	NH ₄ Cl	<0.01	<0.01
T-15	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-16	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-17	Tank Vent	VOC	<0.01	<0.01
T-19	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-20	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-21	Tank Vent	NH ₄ Cl	<0.01	<0.01
C-1	Tank Vent	NH ₄ Cl	<0.01	<0.01
C-2	Tank Vent	NH ₄ Cl	<0.01	<0.01
Pit 1	Tank Vent	NH ₄ Cl	<0.01	<0.01
Pit 2	Tank Vent	NH ₄ Cl	<0.01	<0.01
CT-1a	Cooling Tower	NH ₄ Cl	0.10	0.10
CT-1b	Cooling Tower	NH ₄ Cl	0.10	0.10

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- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
NH₄Cl - ammonium chloride
HCl - hydrogen chloride
NH₃ - anhydrous 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:

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

Dated February 22, 2001