

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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>	
			lb/hr	TPY
E-1	Tank Vent Scrubber	HCl	<0.01	<0.01
E-2/E-3	Baghouse	NH ₄ Cl	0.19	0.83
E-4	Vent Scrubber Stack	HCl	0.53	1.40
		NH ₃	0.27	0.78
F-1	Fugitives (4)	HCl	0.03	0.14
		NH ₃	0.12	
B-2	Boiler	VOC	0.12	0.35
		NO _x	2.10	6.31
		CO	1.76	5.30
		SO ₂	0.01	0.04
		PM ₁₀	0.16	0.48
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
T-7	Tank Vent	NH ₄ Cl	<0.01	<0.01
T-8	Tank Vent	NH ₄ Cl	<0.01	<0.01

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AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3) lb/hr</u>	<u>TPY **</u>	
T-9	Tank Vent	NH ₄ Cl	<0.01	<0.01

EMISSIONS FROM PROCESS MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3) lb/hr	TPY **	
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-2	Tank Vent	NH ₄ Cl	<0.01	<0.01
Pit 1	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
D-1	Parts Washer	VOC	0.25	0.25

- (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 equal to or less than 10 microns in diameter
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 NH₄Cl - ammonium chloride
 HCl - hydrogen chloride

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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

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

Dated July 5, 2006