

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 71546

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**
S-44	Scrubber	VOC	0.72	0.13
		HCl	0.07	0.01
S-45	Scrubber	VOC	0.72	0.02
		HCl	0.06	0.01
D-28	Tank	VOC	1.31	0.29
S-37	Scrubber	VOC	0.76	0.04
S-39	Scrubber	VOC	2.15	0.07
		HCl	0.01	0.01
S-50	Scrubber	VOC	1.21	0.15
		HCl	0.13	0.01
S-61	Scrubber	VOC	0.89	0.07
		HCl	0.01	0.01
S-PB3	Scrubber	VOC	0.22	0.01
		HCl	0.02	0.01
5-MT	Heater	PM ₁₀	0.08	0.06
		SO ₂	0.01	0.01
		NO _x	1.00	0.82
		CO	0.83	0.70
		VOC	0.06	0.05

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
3-MT	Heater	PM ₁₀	0.03	0.07
		SO ₂	0.01	0.01
		NO _x	0.30	0.90
		CO	0.25	0.73
		VOC	0.02	0.05
6MT	Heater	PM ₁₀	0.04	0.17
		SO ₂	0.01	0.01
		NO _x	0.50	2.19
		CO	0.42	1.84
		VOC	0.03	0.12
HO-5	Tank Vent	VOC	0.39	0.01
HO-8	Tank Vent	VOC	0.39	0.01
HO-10	Tank Vent	VOC	0.39	0.01
HO-12	Tank Vent	VOC	0.35	0.01
MT-5	Tank Vent	VOC	0.02	0.01
SC-FI-04, SC-FI-08	Thermal Oxidizers/Absorbers (5) 9.34		NO _x	3.22
			VOC	3.46
		SO ₂	0.03	0.08
			CO	3.79
			HCl	2.23
		PM	0.34	0.99
				10.99
PIBSA-FUG	PIBSA Fugitives (4)	VOC	0.72	3.14
		HCl	0.09	0.40
		Cl ₂	0.02	0.09

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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 equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
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
HCl - hydrogen chloride
Cl₂ - chlorine
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) Combined emissions from both oxidizer/absorber units must not exceed the rates identified.
- * 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 September 1, 2004