

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

S-18925

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		Air Contaminant		<u>Emission Rates</u>	
	Name (2)	Name (3)	lb/hr	TPY		
A	Processing Area East Stack (including HCl Scrubber Vent)			VOC	2.91	1.88
				HCl and C12	0.015	0.07
B	Process Area West Stack			VOC	0.03	0.12
				HCl and C12	0.04	0.08
C	Boiler Stack			CO	1.4	6.13
				NOx	4.80	21
				PM10	0.20	0.88
				S02	<0.01	<0.01
				VOC	0.10	0.40
TEA	TEA Tank			TEA	0.13	0.57
Neutral	Neutralization Tank			VOC	<0.01	<0.01
FUG	Process Fugitives (4)			VOC	0.04	0.17

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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) CO - carbon monoxide

NO_x - total oxides of nitrogen

PM₁₀ - particulate matter less than 10 microns

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

Cl₂ - chlorine

HCl - hydrogen chloride

TEA - triethylamine

(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 8760

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