

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 16974

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
SE4BOLS02	Flue Gas Scrubber (8,000 hours per year)	CO	10.0	40.0
		NO _x	26.1	80.3
		PM	3.9	12.0
		SO ₂	13.0	40.0
		VOC	2.0	6.0
FETKFLR02	Tank Vent Flare (5)	CO	2.23	3.11
		HCl	25.30	1.10
		NO _x	0.36	0.36
		SO ₂	0.18	0.50
		VOC	0.10	0.10
FU4BOLS01	Process Fugitives (4)	VOC	<0.1	<0.1

- (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
HCl - hydrogen chloride
NO_x - total oxides of nitrogen
PM - particulate matter
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emission rates are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) This flare controls sources associated with Permits No. 16974, 7358, 2342, 20120, and 1654. Total VOC emissions from the flare are 26.5 lb/hr and 7.96 TPY. Total CO, SO₂, HCl, and NO_x emissions are listed above.

* 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_____