

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22099

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 Contaminant Point No. (1)	Source <u>Emission Rates *</u> Name (2)		Air	
	lb/hr	TPY	Name	
9	Process Flare (6)	VOC	6.91	0.76
		NO _x	0.06	0.27
		CO	0.44	1.93
		SO ₂	<0.01	<0.04
		PM ₁₀	<0.01	<0.04
501	Cartridge Filter	PM ₁₀	0.02	<0.01
502	Bag Filter	PM ₁₀	0.04	<0.01
503	Fume Incinerator	VOC (5)	0.14	0.65
		NO _x	3.38	14.80
		CO	1.13	4.94
		SO ₂	<0.01	<0.04
		PM ₁₀	0.02	0.09
		HCl	3.24	2.38
		MeCl	1.39	0.58
505	Drum Loading	VOC	0.02	0.08
506	Scrubber	PM ₁₀	0.21	0.01
		VOC	0.12	<0.01
507	Scrubber	VOC	0.09	0.36
F-P	Process Fugitives (4)	VOC	1.36	5.93

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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_{10} - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO_2 - sulfur dioxide
CO - carbon monoxide
HCl - hydrogen chloride
MeCl - methyl chloride
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) VOCs are exclusive of MeCl.
- (6) Emission rates listed for the Process Flare (EPN 9) represent only the emissions at EPN 9 which are attributable to the facilities covered in Permit No. 22099. The total allowable emissions from EPN 9 are the sum of the allowable emissions from the facilities covered by Permit No. R-4017 and Permit No. 22099. The Process Flare (EPN 9) is the only control device common to Permit Nos. R-4017 and 22099.

* 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 _____