

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22115

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
EPN 76	Flare	VOC	25.70	1.97
		NO _x	4.54	1.59
		SO ₂	<0.01	0.02
		CO	8.07	3.17
EPN 83	Reactor Heater	PM ₁₀	1.17	5.11
		VOC	0.12	0.51
		NO _x	16.58	72.62
		SO ₂	0.38	1.68
		CO	9.11	39.90
EPN 84	CCR Unit	PM ₁₀	0.29	0.13
		VOC	0.03	0.13
		NO _x	0.03	0.13
		SO ₂	0.12	0.53
		CO	0.09	0.39
		HCl	0.17	0.74
		Cl ₂	<0.01	0.02
EPN 85	Solar Turbine and Duct Burner	PM ₁₀	1.16	5.08
		VOC	1.01	4.45
		NO _x	4.82	21.10
		SO ₂	0.28	1.23
		CO	1.29	5.66
		NH ₃	1.88	8.23
EPN 86	Wastewater Sump	VOC	0.08	0.33
F83	Fugitives (4)	VOC	4.69	20.56

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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
PM₁₀ - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
NH₃ - ammonia
HCl - hydrogen chloride
Cl₂ - chlorine
- (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 24 Days/week 7 Weeks/year 52 or Hrs/year _____

Dated _____