

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22229

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		
C-1	Waukesha L 7042 GSI 1100 hp Compressor Engine, NSCR			NOx	4.84	21.18
				CO	9.67	42.36
				VOC	0.60	2.65
C-2	White 8GT-825 1100 hp Compressor Engine, Lean Burn			NOx	4.84	21.18
				CO	9.67	42.36
				VOC	0.60	2.65
Fugitives (4)				VOC	0.45	1.98

## FACILITIES AUTHORIZED UNDER STANDARD EXEMPTION (5)

C-3	Solar Centaur, 4500 hp Compressor Turbine			NOx	13.05	57.16
				CO	4.95	21.68
				VOC	0.9	3.94
				SO2	0.018	0.08
C-4	Solar Centaur, 4500 hp Compressor Turbine			NOx	13.05	57.16
				CO	4.95	21.68
				VOC	0.9	3.94
				SO2	0.018	0.08
C-5	Solar Saturn, 1160 hp Compressor Turbine			NOx	3.36	14.73
				CO	1.28	5.59
				VOC	0.23	1.02
				SO2	0.005	0.02
C-6	Solar Saturn, 1160 hp Compressor Turbine			NOx	3.36	14.73
				CO	1.28	5.59
				VOC	0.23	1.02

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>			
			lb/hr	TPY		
			SO2	0.005	0.02	
G-1	Caterpillar G398A 475 hp Generator Engine		NOx	11.48	50.3	
			CO	1.46	6.4	
			VOC	0.52	2.29	
			SO2	0.002	0.008	

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
G-2	Caterpillar 3306 210 hp Generator Engine	NOx	5.08	22.24
		CO	0.65	2.83
		VOC	0.23	1.01
		SO2	0.001	0.004
S-1	Storage Tank	VOC	0.05	.22
S-2	Storage Tank	VOC	0.05	.22
S-3	Storage Tank	VOC	0.05	.22
S-4	Storage Tank	VOC	0.05	.22
FL-1	BTEX Control Flare	NOx	0.22	0.97
		CO	0.44	1.93
		VOC	1.58	6.92
H-1	Heater 750 MBTU/hr	PM	0.004	0.016
		NOx	0.071	0.313
		CO	0.014	0.063
		VOC	0.004	0.017
H-2	Heater 750 MBTU/hr	PM	0.004	0.016
		NOx	0.071	0.313
		CO	0.014	0.063
		VOC	0.004	0.017
H-3	Heater 750 MBTU/hr	PM	0.004	0.016
		NOx	0.071	0.313
		CO	0.014	0.063
		VOC	0.004	0.017
H-4	Heater 375 MBTU/hr	PM	0.002	0.008
		NOx	0.036	0.156
		CO	0.007	0.031
		VOC	0.002	0.008

- (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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) PM - particulate matter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NOx - total oxides of nitrogen  
SO2 - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions sources identified in this section are authorized under Standard Exemption Registration No. 24343 and did not undergo new source review.
- \* 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 \_\_\_\_\_