

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

9902

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)	Emission Rates*		
			lbs/hr	TPY	
C-12	1109 HP Waukesha L7042GSI Engine	VOC		1.22	5.34
		NOx		4.39	19.20
		CO		7.33	32.13
		SO2	<0.01	0.02	
C-13	1109 HP Waukesha L7042GSI Engine	VOC		1.22	5.34
		NOx		4.39	19.20
		CO		7.33	32.13
		SO2	<0.01	0.02	
---	Fugitive Emissions	VOC		1.90	8.40
C-1(4)	680 HP Ingersoll- Rand PSVG-10 Engine	VOC		0.66	2.89
		NOx		16.30	71.50
		CO		2.11	9.23
		SO2	<0.01	0.01	
C-2(4), C-3(4), and C-4(4) SAME					
C-5(4)	533 HP Waukesha L-5108GU Engine	VOC		0.52	2.26
		NOx		12.80	56.00
		CO		1.65	7.24
		SO2	<0.01	0.01	
C-6(4)	550 HP Clark HMB-10 Engine	VOC		0.53	2.34
		NOx		13.20	57.80
		CO		1.71	7.47
		SO2	<0.01	0.01	
C-7(4) and C-8(4) SAME					

C-9(5)	1039 HP Superior 8GTLB Engine	VOC	1.94	8.50
		NOx	4.41	19.30
		CO	11.00	48.20
		SO2	<0.01 0.04	

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr TPY		
C-10(5) SAME					
C-11(6)	1650 HP White 12GTLB Engine	VOC		2.18	9.55
		NOx		7.26	31.80
		CO		5.82	25.50
		SO2	<0.01	0.03	
H-1(4)	Auxiliary Boiler	VOC		<0.01	0.03
		NOx		0.13	0.55
		CO		0.03	0.11
		SO2		<0.01	<0.01
		PM		<0.01	<0.03
H-2(4)	Oil Heater	VOC		0.19	0.83
		NOx		9.45	41.40
		CO		2.37	10.40
		SO2		0.04	0.18
		PM		0.34	1.48
H-3(4) SAME					
H-4(4)	Process Furnace	VOC		0.09	0.41
		NOx		4.73	20.70
		CO		1.18	5.17
		SO2		0.02	0.09
		PM		0.17	0.74
H-5(4)	Oil Reclaimer	VOC		<0.01	0.01
		NOx		0.03	0.14
		CO		<0.01	0.03
		SO2		<0.01	<0.01
		PM		<0.01	0.01
H-6(4)	Regen. Gas Heater	VOC		<0.01	0.03
		NOx		0.14	0.60
		CO		0.03	0.12
		SO2		<0.01	<0.01
		PM		<0.01	0.03

H-7(4)	Glycol Reconcentrator	VOC		<0.01	0.03
		NOx		0.13	0.55
		CO		0.03	0.11
		SO2	<0.01	<0.01	
		PM		<0.01	0.03

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hr	TPY
H-8(4)	Incinerator	SO2	2471.00	10825.00
H-9(5)	Regen. Gas Heater	VOC	0.02	0.07
		NOx	0.32	1.38
		CO	0.06	0.28
		SO2	<0.01	0.01
		PM	0.02	0.07

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
CO - carbon monoxide
SO2 - sulfur dioxide
PM - particulate matter
- (4) Grandfathered equipment.
- (5) Previously permitted under TACB Permit No. S-9002.
- (6) Exempt equipment.

* 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

Revised_____