

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3338A

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		
1	580 HP White Engine (5)			NO <sub>x</sub>	14.07	61.63
				CO	1.79	7.84
				VOC	0.52	2.28
2	580 HP White Engine (5)			NO <sub>x</sub>	14.07	61.63
				CO	1.79	7.84
				VOC	0.52	2.28
3	580 HP White Engine (5)			NO <sub>x</sub>	14.07	61.63
				CO	1.79	7.84
				VOC	0.52	2.28
4	580 HP White Engine (5)			NO <sub>x</sub>	14.07	61.63
				CO	1.79	7.84
				VOC	0.52	2.28
5	175 HP Engine (6)			NO <sub>x</sub>	4.24	18.57
				CO	0.54	2.37
				VOC	0.16	0.70
6	175 HP Engine (6)			NO <sub>x</sub>	4.24	18.57
				CO	0.54	2.37
				VOC	0.16	0.70
7	300 HP Waukesha (7)			NO <sub>x</sub>	7.28	31.89
				CO	0.93	4.07
				VOC	0.27	1.18
8	300 HP Waukesha (7)			NO <sub>x</sub>	7.28	31.89
				CO	0.93	4.07
				VOC	0.27	1.18

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
9	175 HP Cat Engine (6)	NO <sub>x</sub>	4.24	18.57
		CO	0.54	2.37
		VOC	0.16	0.70

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

10	Heater	NO <sub>x</sub>	1.29	5.64
		CO	0.26	1.14
		VOC	0.03	0.12
		PM <sub>10</sub>	0.18	0.77
		HCHO	<0.01	0.03
11	Acid Gas Incinerator	SO <sub>2</sub>	358.7	1,571.09
		NO <sub>x</sub>	0.25	1.08
		CO	1.34	5.87
		VOC	0.15	0.67
12	Flare	For Emergency Use Only		
13	300HP Waukesha (7)	NO <sub>x</sub>	7.28	31.89
		CO	0.93	4.07
		VOC	0.27	1.18
14	Fugitives (4)	VOC	8.18	38.62
		H <sub>2</sub> S	0.81	3.54
15	Slop Oil	VOC	1.86	7.71
16	Wastewater Tank	VOC	<0.01	<0.01

- (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<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
HCHO - formaldehyde  
H<sub>2</sub>S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
(5)	Combined annual emissions from EPNs 1, 2, 3, and 4 shall not exceed 167.29 TPY of NO <sub>x</sub> , 21.29 TPY of CO, and 6.23 TPY of VOC.			
(6)	Combined annual emissions from EPNs 5, 6, and 9 shall not exceed 35.26 TPY of NO <sub>x</sub> , 4.49 TPY of CO, and 1.31 TPY of VOC.			
(7)	Combined annual emissions from EPNs 7, 8, and 13 shall not exceed 63.73 TPY of NO <sub>x</sub> , 8.11 TPY of CO, and 2.37 TPY of VOC.			

\* 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 \_\_\_\_\_