

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 32927

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit, as well as those sources on the property which operate under exemption. The emission rates for sources covered by this permit 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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	(5) Name (2)	Name (3)	lb/hr	TPY
1	Caterpillar 3306S1	NO <sub>x</sub>	8.24	36.1
	Vapor Recovery	CO	7.49	1.6
	Compressor Engine	VOC	0.47	2.1
	170 hp at 1,400 rpm			
2	Cooper Superior 8GTL825	NO <sub>x</sub>	36.35	159.2
	1,100 hp	CO	2.19	9.6
		VOC	1.21	5.3
3	Cooper Superior 8GTL825	NO <sub>x</sub>	36.35	159.2
	1,100 hp	CO	2.19	9.6
		VOC	1.21	5.3
4	Cooper Superior 8GTL825	NO <sub>x</sub>	36.35	159.2
	1,100 hp	CO	2.19	9.6
		VOC	1.21	5.3
5	Regen Heaters	NO <sub>x</sub>	0.17	0.8
	1.8 MMBtu/hr each	CO	0.04	0.2
		VOC	0.01	0.1
6	Regen. Heaters	NO <sub>x</sub>	0.17	0.8
	1.8 MMBtu/hr each	CO	0.04	0.2
		VOC	0.01	0.1
7	Amine Heater	NO <sub>x</sub>	0.15	0.7

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
	1.6 MMBtu/hr each	CO	0.03	0.1
		VOC	0.01	0.1
8	Waukesha L7042GSI 1,232 hp/CC	NO <sub>x</sub>	5.43	23.8
		CO	8.14	35.7
		VOC	1.36	5.9
9	Regen. Heater 620 MBtu/hr	NO <sub>x</sub>	0.06	0.3
		CO	0.01	<0.1
		VOC	<0.01	<0.1
10	White Superior 8G825 660 hp	NO <sub>x</sub>	21.81	95.5
		CO	2.62	11.5
		VOC	0.15	0.6
11	Waukesha L7042GSI 1,232 hp/CC	NO <sub>x</sub>	5.43	23.8
		CO	8.14	35.7
		VOC	1.36	5.9
12	Waukesha L7042GSI 1,232 hp/CC	NO <sub>x</sub>	5.43	23.8
		CO	8.14	35.7
		VOC	1.36	5.9
13	Regen. Heater 2.0 MMBtu/hr	NO <sub>x</sub>	0.19	0.9
		CO	0.04	0.2
		VOC	0.02	0.1
14	Condensate Storage Tank	VOC	0.3	1.3
15	Truck Loading Losses (4)	VOC		0.1
FV	Fugitives (4)	VOC		9.3

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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) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Pursuant to a amendment to this permit approved in May, 1999 the following previously exempted sources were added to this permit without modification:

EPNs 2-7 were previously authorized by Permit X-11221

EPN 9 was previously authorized by Permit X-12057

EPN 10 was previously authorized by Permit X-14556

EPN 13 was previously authorized by Permit X-15344

- \* 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\_\_\_\_\_