

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6235A

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 *	
			lb/hr	TPY
B-1	Boiler No. 1 (21 MMBTU/hr)	VOC	0.06	0.24
		NO _x	2.80	12.26
		CO	0.70	3.00
		PM	0.27	1.20
Con-1	Condenser Vent	VOC	0.21	0.15
CT-1	Cooling Tower	VOC	<0.01	<0.01
D-1-Total	Drumming Losses	VOC	16.3	1.62
F-1	Process Flare	VOC	0.06	0.08
		NO _x	0.01	0.01
		CO	0.01	0.02
		SO _x	0.01	0.01
F-2	Oxides Flare	Ethylene Oxide	0.98	0.68
		Propylene Oxide	0.67	0.36
		NO _x	0.03	0.07
		CO	0.24	0.60
FE-1	Fire Water Pump Engine	NO _x	1.16	0.03
		CO	0.25	0.01
		SO _x	0.08	0.01
		PM ₁₀	0.08	0.01
FU-1	Fugitives (4)	VOC	2.34	10.23
H-1	Dowtherm Heater	VOC	0.02	0.06

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
	(4 MMBTU/hr)	NO _x	0.38	1.67
		CO	0.08	0.35
		PM	0.05	0.20
H-2	Hot Oil Heater (8 MMBTU/hr)	VOC	0.04	0.19
		NO _x	1.40	6.13
		SO _x	<0.01	0.02
		CO	0.66	2.91
		PM	0.06	0.26
L-1	Loading Losses	VOC	35.6	1.36
ST-Total	Storage Tanks	VOC	2.44	2.31
WW-1	Wastewater Storage Tank	VOC	0.03	<0.01
X-105	Process Sump	VOC	0.02	0.10

- (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, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter of 10 microns or less
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO_x - total oxides of sulfur
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on the following operating schedule:

_____ Hrs/day ____ Days/week ____ Weeks/year or 8,760 Hrs/year

Dated _____