

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18775

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) <u>TPY**</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> lb/hr	
Degreaser	Degreaser	VOC	0.69	0.35
E-1	West Fire Pump	VOC	0.44	0.01
		NO _x	5.43	0.14
		CO	1.17	0.03
		SO ₂	0.36	0.01
		PM ₁₀	0.39	0.01
E-2	East Fire Pump	VOC	0.44	0.01
		NO _x	5.43	0.14
		CO	1.17	0.03
		SO ₂	0.36	0.01
		PM ₁₀	0.39	0.01
E-3	Emergency Generator	VOC	1.13	0.03
		NO _x	13.95	0.36
		CO	3.02	0.08
		SO ₂	0.92	0.02
		PM ₁₀	0.99	0.03
F-1	Flare	VOC	64.26	13.27
		NO _x	2.80	7.71
		CO	24.04	66.09
FUG-1	Fugitives (4)	VOC	1.38	6.06
L-1	Truck/Rail Loading	VOC	0.18	0.59
L-2	Container Loading	VOC	<0.01	0.03
TK-133	Diesel Tank	VOC	0.06	<0.01

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AIR CONTAMINANTS DATA				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
<u>TPY**</u>			lb/hr	
TK-134	Diesel Tank	VOC	0.06	<0.01
TK-135	Diesel Tank	VOC	0.06	<0.01
TK-604A	Diesel Tank	VOC	0.06	<0.01
TK-604B	Diesel Tank	VOC	0.06	<0.01
TK-211	Effluent Surge Tank	VOC	0.14	0.09
TK-305	Butyl Phenol Tank	VOC	0.62	0.10
TK-722	Stormwater Tank	VOC	<0.01	<0.01
TK-401	Sulfuric Acid Tank	Sulfuric Acid	0.10	<0.01
WW-1	Wastewater Treatment	VOC	1.02	1.83
WW-2	Wastewater Collection System 0.04	VOC		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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/year 8,760

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated_____