

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 81086

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**
370-TK-5110	Tank 370-TK-5110	VOC	0.42	1.83
370-TK-5120	Tank 370-TK-5120 (5)	VOC	31.88	2.54
370-TK-5130	Tank 370-TK-5130	VOC	0.55	2.42
370-TK-5140	Tank 370-TK-5140	VOC	0.26	1.14
370-TK-5150	Tank 370-TK-5150 (5)	VOC	91.72	5.74
370-TK-5160	Tank 370-TK-5160	VOC	0.55	2.42
370-TK-5170	Tank 370-TK-5170	VOC	0.45	1.99
370-TK-5180	Tank 370-TK-5180	VOC	0.26	1.14
370-TK-5190	Tank 370-TK-5190	VOC	0.42	1.83
370-TK-5200	Tank 370-TK-5200	VOC	0.55	2.42
370-TK-5210	Tank 370-TK-5210	VOC	0.45	1.99
370-TK-5220	Tank 370-TK-5220	VOC	1.44	6.32
370-TK-5230	Tank 370-TK-5230	VOC	2.33	10.19
370-TK-5240	Tank 370-TK-5240	VOC	2.33	10.19
370-TK-5250	Tank 370-TK-5250	VOC	2.33	10.19

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
370-TK-5260	Tank 370-TK-5260	VOC	1.05	4.62
370-TK-5270	Tank 370-TK-5270	VOC	1.05	4.62
370-TK-5280	Tank 370-TK-5280	VOC	0.81	3.55
370-TK-5290	Tank 370-TK-5290	VOC	0.81	3.55
370-TK-5300	Tank 370-TK-5300	VOC	1.21	5.29
370-TK-5310	Gasoline Surge Tank	VOC	0.29	1.25
370-TK-5320	Distillate Oil Surge Tank	VOC	0.02	0.07
GAS_FUG	Gasoline Tank Fugitives (4)	VOC	0.02	0.10
DIST_FUG	Distillate Tank Fugitives (4)	VOC	0.02	0.09
EFPE1	Emergency Fire Pump Engine 1 30 hours per year	VOC	10.30	0.15
		NO <sub>x</sub>	10.30	0.15
		CO	3.44	0.05
		PM <sub>10</sub>	0.53	0.01
		SO <sub>2</sub>	0.01	0.01
EFPE2	Emergency Fire Pump Engine 2 30 hours per year	VOC	10.30	0.15
		NO <sub>x</sub>	10.30	0.15
		CO	3.44	0.05
		PM <sub>10</sub>	0.53	0.01
		SO <sub>2</sub>	0.01	0.01
EFPE3	Emergency Fire Pump Engine 3 30 hours per year	VOC	10.30	0.15
		NO <sub>x</sub>	10.30	0.15
		CO	3.44	0.05
		PM <sub>10</sub>	0.53	0.01
		SO <sub>2</sub>	0.01	0.01
EG	Emergency Generator	VOC	0.12	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	100 hours per year	NO <sub>x</sub>	4.16	0.21
		CO	0.32	0.02
		PM <sub>10</sub>	0.01	0.01
		SO <sub>2</sub>	0.01	0.01
VRU	Vapor Oxidizer	VOC	3.96	0.01
		NO <sub>x</sub>	10.00	0.50
		CO	8.20	0.41
		PM <sub>10</sub>	0.71	0.04
		SO <sub>2</sub>	0.06	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 Title 30 Texas Administrative Code § 101.1.  
NO<sub>x</sub> - nitrogen oxides  
CO - carbon monoxide  
PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
SO<sub>2</sub> - sulfur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The emissions listed for the gasoline swing tanks will include those emissions which are due to landing losses. Each gasoline swing tank will have a maximum of three landing events per year.

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

Hrs/day 24 Days/week 7 Weeks/year 52

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

Dated October 12, 2007