

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 80829

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**
LOAD	Tank Truck Loading	Ethanol	1.64	1.75
		Diesel	0.05	0.02
TANKS	Storage Tanks	Ethanol	2.10	2.40
		Diesel	0.28	0.24
FUG	Fugitives (4)	VOC	0.14	0.60
TOU	Thermal Oxidizer	VOC (5)	0.06	0.26
		Ethanol	1.25	1.33
		Diesel	0.03	0.02
		CO	0.06	0.26
		SO ₂	0.01	0.03
		NO _x	1.10	4.82
		PM ₁₀	0.11	0.01
		PM _{2.5}	0.11	0.01
ENG 1	Emergency Fire Pump Diesel Engine	NOx	3.86	0.01
		CO	0.14	0.01
		SO ₂	0.45	0.01
		VOC (6)	3.86	0.01
		PM ₁₀	0.20	0.01
		PM _{2.5}	0.20	0.01
		Site wide HAP Single (7)		10.00
			Total (7)	25.00

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
CO - carbon oxide
SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) The VOC from combustion of propane.
- (6) The VOC from combustion of diesel.
- (7) The sitewide allowable emissions of Hazardous Air Pollutants (HAPs) will be less than 10 tons per year (tpy) for any one HAP and less than 25 tpy for all HAPs. Compliance with these allowables is demonstrated by meeting the requirements of applicable special conditions and permit application representations.

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

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

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

Dated: July 26, 2011