

Emission Sources - Maximum Allowable Emission Rates

Permit Number 108767

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
TK101	Feedstock Tank	VOC	<0.01	<0.01
TK102	Feedstock Tank	VOC	<0.01	<0.01
TK104	Water Wash Tank	VOC	<0.01	<0.01
TK105	Water Wash Tank	VOC	<0.01	<0.01
TK106	Dried Filtered Feedstock Tank	VOC	<0.01	<0.01
TK107	Dried Filtered Feedstock Tank	VOC	<0.01	<0.01
Vent	Vapor Recovery Discharge Vent for FINs R201, R302, S302, TK707, and Vacuum pump	VOC (including Methanol)	5.67	3.05
		Methanol (HAP)	5.66	3.04
TK501	Water Wash Tank	VOC	<0.01	<0.01
TK502	Water Wash Tank	VOC	<0.01	<0.01
TK503	Water Wash Tank	VOC	<0.01	<0.01
TK504	Water Wash Tank	VOC	<0.01	<0.01
TK701	Biodiesel Tank	VOC	<0.01	<0.01
TK702	Biodiesel Tank	VOC	<0.01	<0.01
TK703	Biodiesel Tank	VOC	<0.01	<0.01
TK704	Biodiesel Tank	VOC	<0.01	<0.01
TK705	Biodiesel Tank	VOC	<0.01	<0.01
TK706	Biodiesel Tank	VOC	<0.01	<0.01
FUGITIVES (5)	Fugitive Equipment Emissions	VOC (including Methanol)	0.04	0.17
		Methanol (HAP)	<0.01	0.02

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UNLOADING	Unloading Emissions	Non-Methanol VOC	<0.01	<0.01
LOADOUT	Loadout Emissions	Non-Methanol VOC	<0.01	<0.01
BU901	Boiler	PM ₁₀	0.02	0.02
		PM _{2.5}	0.02	0.02
		SO ₂	0.03	0.04
		NO _x	0.29	0.26
		CO	0.25	0.22
		VOC	0.03	0.03

- (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_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: January 5, 2016