

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84054

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)	<u>Emission Rates</u>	
			lb/hr	TPY (6)
EPN 1	Process Emissions (routed to the boiler or catalytic oxidizer)	VOC (4)	1.64	---
		VOC	0.12	0.51
		PM	0.16	0.70
		NO _x	2.10	9.20
		SO ₂	0.01	0.06
		CO	1.76	7.73
		Lead	<0.01	<0.01
EPN 1-SS	Boiler and Catalytic Oxidizer Startup and Shutdown	VOC	0.23	<0.01
		PM (5)	0.16	
		NO _x (5)	2.10	
		SO ₂ (5)	0.01	
		CO	3.53	0.04
		Lead (5)	<0.01	
EPN FUG 1	Storage and Aging Fugitives	VOC (4)	106.40	---
EPN FUG 2	Process Fugitives	VOC (4)	0.92	---
SITEWIDE	Process Emissions, Storage and Aging Fugitives, and Process Fugitives	VOC (4)	---	49.00

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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.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Emissions as a result of the process (pentane emissions).
- (5) Emissions included in Process Emissions (EPN 1) calculations.
- (6) Annual rates are for a rolling 12-consecutive months.

Dated November 4, 2009