

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 73617 and PSDTX1266

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)
VENT	CO ₂ Vent	VOC	3,582.0	1,026.0
		H ₂ S	11.56	3.33
AV1	Atmospheric Vent	VOC	188.3	826.0
		H ₂ S	1.73	7.59
TOA	Thermal Oxidizer A	VOC	22.70	24.86
		H ₂ S	0.07	0.08
		NO _x	5.0	5.5
		CO	832	911
		PM ₁₀	1.72	1.88
		SO ₂	7.04	7.71
TOB	Thermal Oxidizer B	VOC	22.7	99.4
		H ₂ S	0.07	0.33
		NO _x	7.35	32.2
		CO	10.5	45.9
		PM ₁₀	1.7	7.5
		SO ₂	7.04	15.42
TK-VENT1	Condensate Tank 1	VOC	0.08	0.52
TK-VENT2	Condensate Tank 2	VOC	0.08	0.52
FUG	Fugitive VOC (5)	VOC	1.38	6.02
EMISSION CAP	EMISSION CAP (6)	VOC	3,771.0	1,080.0

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- (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
H₂S - hydrogen sulfide
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
- (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.
- (6) The EPNs VENT, AV1, TOA, and TOB are subject to the emission cap. The tons per year emission rate limitations shall be based on a starting month of September 1, 2009, for purposes of the 12-month rolling period.

Date: