

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Special Permit No. 17262

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
PAS-1	BOILER	PM	0.14	0.56
		NO _x	3.92	15.68
		CO	0.98	3.92
		SO _x	<0.1	<0.1
		VOC	0.16	0.1
PAS-2	BOILER	PM	0.09	0.36
		NO _x	2.62	10.48
		CO	0.66	2.64
		SO _x	<0.1	<0.1
		VOC	0.11	0.44
PAS-3	FLARE	NO _x	<0.01	<0.01
		CO	<0.01	0.04
		SO _x	1.6	5.3
		VOC	1.0	4.4
PAS-4	BOILER	PM	0.21	0.92
		NO _x	2.55	11.17
		CO	1.46	6.39
		SO _x	0.04	0.18
		VOC	0.12	0.53
FUG	FUGITIVES (4)	VOC	2.81	7.57
		acetone	0.11	0.48
		IOC-U	0.04	0.18
T-001	STORAGE TANK (5)	methanol	0.01	0.04

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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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_x - total oxides of sulfur
VOC - volatile organic compounds as defined in General Rule 101.1
IOC-U - inorganic compounds (unspeciated)
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Allowable emissions until the vent of the storage tank is routed to the plant flare.

* The emission rates are based on an operating schedule of 8,760 hr/yr.

Dated _____