

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5418A

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
086	Heater 29-H-5 (6)	NO _x	14.40	63.07
		SO ₂	35.20	154.17
		CO	1.60	7.01
		PM	4.80	21.02
		VOC	0.09	0.39
086	Heater 29-H-5 (7)	NO _x	7.38	29.40
		SO ₂	0.03	0.13
		CO	1.85	7.36
		PM	0.26	1.05
		VOC	0.02	0.06
202	Heater 17-H-1	NO _x	3.11	13.62
		SO ₂	0.02	0.09
		CO	1.04	4.56
		PM	0.15	0.66
		VOC	0.08	0.35
204	Compressor 17-C-1	VOC	0.80	3.50
		NO _x	1.94	8.50
		SO ₂	0.12	0.53
		CO	2.91	12.75
205	Compressor 17-C-2	VOC	0.80	3.50
		NO _x	1.94	8.50
		SO ₂	0.12	0.53
		CO	2.91	12.75

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mission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
206	Compressor 17-C-5	VOC	0.80	3.50
		NO _x	1.94	8.50
		SO ₂	0.12	0.53
		CO	2.91	12.75
745	Tank No. 4	VOC (5)	0.71	3.12
		Benzene	0.09	0.40
751	Tank No. 20	VOC	1.85	0.77
749	Tank No. 13	VOC	0.93	0.40
750	Tank No. 14	VOC	0.89	0.32
765	Tank No. 50	VOC	2.52	0.70
640	Tank No. 929	VOC	0.68	0.40
641	Tank No. 930	VOC	0.68	0.40
759	Tank No. 40	VOC	0.78	0.88
760	Tank No. 41	VOC	0.78	0.88
761	Tank No. 42	VOC	0.78	0.88
729	Tank No. 1027	VOC	2.41	3.14
725	Tank No. 1023	VOC	5.87	19.73
779	Tank No. 110	VOC	0.54	0.33
F211	Fugitive (4)	VOC (5)	9.38	41.07
		Benzene	1.19	5.21

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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 General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Does not include benzene.
- (6) Fuel oil firing.
- (7) Fuel gas firing.

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

Hrs/day _____ Days/week _____ Weeks/year _____ or
Hrs/year 8,760

Dated _____