

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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)	<u>Emission Rates *</u>	
			lb/hr	TPY
86	Aromatic Splitter Heater 29H5	CO	4.44	17.66
		NO _x	5.28	21.00
		PM ₁₀	0.40	1.60
		SO ₂	1.42	2.83
		VOC	0.29	1.16
202	ADP Heater 17H1	CO	2.88	12.62
		NO _x	3.11	13.62
		PM ₁₀	0.26	1.14
		SO ₂	0.92	2.02
		VOC	0.19	0.83
204	ADP Compressor C1	CO	2.91	12.73
		NO _x	1.94	8.49
		PM ₁₀	0.09	0.41
		SO ₂	0.12	0.54
		VOC	0.80	3.50
205	ADP Compressor C2	CO	2.91	12.73
		NO _x	1.94	8.49
		PM ₁₀	0.09	0.41
		SO ₂	0.12	0.54
		VOC	0.80	3.50
206	ADP Compressor C5	CO	2.91	12.73
		NO _x	1.94	8.49
		PM ₁₀	0.09	0.41
		SO ₂	0.12	0.54
		VOC	0.80	3.50

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
640	Tank No. 929	VOC	0.98	0.43
641	Tank No. 930	VOC	0.98	0.44
725	Tank No. 1023	VOC	5.90	19.73
729	Tank No. 1027	VOC	1.74	3.39
742	Tank No. 1	VOC	1.88	3.63
744	Tank No. 3	VOC	1.88	3.63
745	Tank No. 4	VOC	1.29	3.00
746	Tank No. 5	VOC	3.16	8.83
749	Tank No. 13	VOC	0.92	0.50
750	Tank No. 14	VOC	1.45	2.08
751	Tank No. 20	VOC	0.92	0.67
759	Tank No. 40	VOC	0.65	0.84
760	Tank No. 41	VOC	0.67	0.88
761	Tank No. 42	VOC	0.67	0.88
765	Tank No. 50	VOC	0.86	0.41
F208	Cooling Tower 10 (4)	VOC	0.34	1.47
F211	Process Fugitives (4)	VOC	4.91	21.51

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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) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter (PM) 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.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day 24 Days/week 7 Weeks/year 52

- ** Compliance with annual emission limits is based on a calendar year (January through December).

Dated December 22, 2008