EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 45375 and PSD-TX-1007

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**
8401	Storage Tank 401	VOC	0.95	1.66
8429	Storage Tank 429	VOC	0.10	0.15
8430	Storage Tank 430	VOC	0.30	0.49
8431	Storage Tank 431	VOC	0.30	0.49
8432	Storage Tank 432	VOC	0.30	0.49
8433	Storage Tank 433	VOC	0.55	0.54
8434	Storage Tank 434	VOC	0.55	0.54
8435	Storage Tank 435	TAME	0.50	0.86
8436	Storage Tank 436	TAME	0.50	0.86
8443	Storage Tank 443	VOC	5.69	18.82
8448	Storage Tank 448	VOC	3.40	1.91
8449	Storage Tank 449	VOC	3.42	1.54
8450	Storage Tank 450	VOC	0.06	0.02
8454	Storage Tank 454	VOC	0.58	1.83
8455	Storage Tank 455	TAME	0.25	0.74

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
8456	Storage Tank 456	TAME	0.25	0.71
8457	Storage Tank 457	VOC	0.58	1.83
8458	Storage Tank 458	VOC	0.58	1.83
8459	Storage Tank 459	VOC	0.06	0.09
8460	Storage Tank 460	VOC	0.07	0.08
8461	Storage Tank 461	VOC	0.07	0.07
8464	Storage Tank 464	VOC	0.08	0.13
8465	Storage Tank 465	VOC	0.07	0.10
8466	Storage Tank 466	VOC	0.08	0.13
8467	Storage Tank 467	VOC	0.08	0.13
8478	Storage Tank 478	VOC	0.55	1.59
8479	Storage Tank 479	VOC	0.55	1.59
8480	Storage Tank 480	VOC	0.55	1.59
8601	Fugitives (4)	VOC	3.93	17.21
8602	Cooling Tower (4)	VOC	0.42	1.84
8702	LEF Process Heater	VOC	0.62	2.36
	(115 MMBtu/hr Max)	NO_x	2.88	10.95
	(100 MMBtu/hr Avg)	CO	4.03	15.33
		PM_{10}	0.86	3.26
		SO_2	0.34	1.29

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
8707	HEU Process Heater	VOC	0.12	0.47
	(23 MMBtu/hr Max)	NO_x	0.83	3.15
	(20 MMBtu/hr Avg)	CO	1.89	7.22
		PM_{10}	0.17	0.65
		SO_2	0.07	0.26
8729	Boiler 1	VOC	0.24	0.90
	(44 MMBtu/hr Max)	NO_x	1.57	5.99
	(38 MMBtu/hr Avg)	CO	3.60	13.71
		PM_{10}	0.33	1.24
		SO_2	0.13	0.49
8733	C/CF Process Heater	VOC	0.62	2.36
	(115 MMBtu/hr Max)	NO_x	2.88	10.95
	(100 MMBtu/hr Avg)	CO	4.03	15.33
		PM_{10}	0.86	3.26
		SO_2	0.34	1.29
8734	Vapor Combustion Unit	VOC	0.38	0.01
		NO_x	0.91	0.41
		CO	2.42	1.08
		PM_{10}	0.23	0.10
		SO_2	0.01	0.03
8736	Boiler 3	VOC	0.08	0.32
	(15 MMBtu/hr Max)	NO_x	0.55	2.10
	(13 MMBtu/hr Avg)	CO	1.26	4.81
		PM_{10}	0.11	0.44
		SO_2	0.05	0.17

(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
TAME - tertiary-amyl-methyl-ether

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

NH_3 - ammonia
NO_x - total oxides of nitrogen
CO - carbon monoxide
PM_{10} - particulate matter equal to or less than 10 microns in diameter.
SO_2 - sulfur dioxide

(4) Emission rate is an estimate and is enforceable through compliance with the applicable Special Condition(s) and permit application representations.

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

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated July 28, 2006