EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20134

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**
E7RE9803	E7 Flare	NO_x	0.13	0.11
		CO	0.26	0.21
E3NSCRB	E3 Scrubber			
E6NSCRB	E6 Scrubber			
E7RE9803	E7 Flare			
Cap for emissions from all reactors (flare and scrubbers)		VOC	11.07	15.02
		Ethylene Oxide (5)	0.41	0.71
		1,4 Dioxane (5)	0.54	0.38
E3TE312	Tank 12			
E3TE3125	Tank 125			
E3TE3128	Tank 128			
E3TE313	Tank 13			
E3TE314	Tank 14			
E3TE3147	Tank 147			
E3TE3148	Tank 148			
E3TE3149	Tank 149			
E3TE315	Tank 15			
E3TE3150	Tank 150			
E3TE3151	Tank 151			
E3TE3152	Tank 152			
E3TE3153	Tank 153			
E3TE3154	Tank 154			
E3TE3155	Tank 155			
E3TE3357	Tank 357			
E3TE3358	Tank 358			
E3TE3359	Tank 359			
E3TE3360	Tank 360			
E3TE3361	Tank 361			
E3TE3362	Tank 362			

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
E3TE3363	Tank 363			
E3TE3364	Tank 364			
E3TE3367	Tank 367			
E3TE3368	Tank 368			
E3TE3369	Tank 369			
E3TE3370	Tank 370			
E3TE3371	Tank 371			
E3TE3374	Tank 374			
E3TE3375	Tank 375			
E3TE3376	Tank 376			
E3TE3377	Tank 377			
E3TE3378	Tank 378			
E3TE3379	Tank 379			
E3TE3380	Tank 380			
E3TE3381	Tank 381			
E3TE3385	Tank 385			
E3TE3386	Tank 386			
E3TE3387	Tank 387			
E3TE3388	Tank 388			
E3TE344	Tank 44			
E3TE345	Tank 45			
E3TE346	Tank 46			
E3TE347	Tank 47			
E3TE348	Tank 48			
E3TE391	Tank 91			
E3TE392	Tank 92			
E3TE393	Tank 93			
E3TE394	Tank 94			
E6TE61	Tank 1			
E6TE610	Tank 10			
E6TE611	Tank 11			
E6TE614	Tank 14			
E6TE62	Tank 2			
E6TE6212	Tank 212			
E6TE628A	Tank 28A			
E6TE628B	Tank 28B			
E6TE63	Tank 3			
E6TE632	Tank 32			
E6TE633	Tank 33			

E6TE634	Tank 34			
E6TE635	Tank 35			
E6TE636	Tank 36			
E6TE637	Tank 37			
E6TE638	Tank 38			
E6TE639	Tank 39			
E6TE64	Tank 4			
E6TE640	Tank 40			
E6TE641	Tank 41			
E6TE65	Tank 5			
E6TE651	Tank 51			
E6TE66	Tank 6			
E6TE67	Tank 7			
E6TE68	Tank 8			
E6TE69	Tank 9			
E6AASCRB	acetic acid tank scrubber			
Cap for All Storage Tanks		VOC	12.59	0.27
E6LROSCW	E6 Railcar/Tankwagon Loading			
E6LROSPW	E6 Tankwagon Loading			
E6LROSPC	E6 Railcar Loading			
E3LROSCW	E3 Railcar/Tankwagon Loading			
RSEE3E6D	E3 Drum Loading			
Cap for all Loading Operations		VOC	19.38	0.21
E3FUG	E3 Fugitives (4)	VOC	0.86	3.76
		Ethylene Oxide (5)	0.74	3.26
E6FUG	E6 Fugitives (4)	VOC	0.47	2.08
		Ethylene Oxide (5)	0.35	1.55
		Acetic Acid (5)	0.03	0.15
E3E6FUG2	Wastewater Fugitives	VOC	0.85	3.73

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
		Ethylene Oxide (5)	0.01	0.01
UEUL30	Cooling Tower No. 5 (4)	VOC	0.03	0.05

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Ethylene oxide, acetic acid, and 1,4 dioxane emissions are a subset of the total VOC emissions.

* 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

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

Dated December 3, 2004