

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19641

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
S71	Scrubber (T-E-15/24)		VOC		0.09	0.05
S50	Scrubber (T-E-107)		VOC		0.15	0.02
S72	Scrubber (T-E-116)		VOC		0.12	0.01
TB1	T-B-1		VOC		0.30	0.017
TB7	T-B-7		VOC		0.30	0.017
TB21	T-B-21		VOC		<0.01	<0.01
TB22	T-B-22		VOC		<0.01	<0.01
TC5	T-C-5		VOC		<0.01	<0.01
TC42	T-C-42		VOC		0.50	0.50
TC43	T-C-43		VOC		0.05	0.05
TE10	T-E-10		VOC		0.07	0.07
TE16	T-E-16		VOC		0.07	0.07
TE17	T-E-17		VOC		0.10	0.10
TE21	T-E-21		VOC		0.10	0.10
TE29	T-E-29		VOC		0.02	0.02
TE55	T-E-55		VOC		0.01	0.01

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Emission Point No. (1)	Name (2)	Source Name (3)	lb/hr	TPY	Air Contaminant	<u>Emission Rates *</u>	
TE56		T-E-56			VOC	0.02	0.02
TE62		T-E-62			VOC	0.01	0.01
TE75		T-E-75			VOC	0.01	0.01
TE76		T-E-76			VOC	0.01	0.01
TE113		T-E-113			VOC	0.09	0.09
TE114		T-E-114			VOC	0.01	0.01
TE115		T-E-115			VOC	0.01	0.01
TE117		T-E-117			VOC	0.11	0.01
TE118		T-E-118			VOC	0.17	0.17
TE126		T-E-126			VOC	0.85	0.24
HC1	H-C-1	NO _x			0.90	3.90	
		CO			0.30	1.30	
FS83		Fugitives (4)			VOC	0.84	3.70
FS84		Fugitives (4)			VOC	0.41	1.80
FS85		Fugitives (4)			VOC	0.41	1.80
FS86		Fugitives (T-E-126) (4)			VOC	0.07	0.30
JAU3		Fugitives (4)			VOC	0.83	0.36
					NH ₃	0.20	0.88
TB-16		Rundown Tank			VOC	<0.01	<0.01
TB-18		Rundown Tank			VOC	<0.01	<0.01
TB-19		Carbonate Catalyst Tank			VOC	0.01	0.01

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Emission Point No. (1)	Name (2)	Source Name (3)	lb/hr	TPY	Air Contaminant	<u>Emission Rates *</u>
TB-20		Carbonate Catalyst Tank			VOC	0.01 0.01
TE-11		Product Storage Tank			VOC	0.09 0.01
TE-12		Product Storage Tank			VOC	0.09 0.01
TE-25		Product Storage Tank			VOC	0.03 <0.01
TE-26		Product Storage Tank			VOC	0.03 <0.01
LD1		Product Loading			VOC	0.13 0.02
LD2		Product Loading			VOC	0.13 0.02
LD3		Product Loading			VOC	0.13 0.02
CARB		Process Fugitives (4)			VOC	0.45 1.98
TK1-B		TE-11, 12 Fugitives (4)			VOC	0.10 0.42
TK3-B		TE-25, 26 Fugitives (4)			VOC	0.08 0.37
UC-1		Cooling Tower			VOC	1.53 6.00
					NH ₃	1.00 4.38
UC-6		Cooling Tower			VOC	0.04 0.16
UC-7		Cooling Tower			VOC	0.04 0.16
UC-8		Cooling Tower			VOC	0.07 0.31
RA-22		Plant Flare			VOC	0.19 0.82
					NH ₃	0.58 0.26
					NO _x	0.03 0.12
					CO	0.22 1.06

(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

CO - carbon monoxide

NH₃ - anhydrous ammonia

Permit No. 19641

Page 4

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(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___Days/week___Weeks/year___or Hrs/year 8,760

Dated_____