

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
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
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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>			
			lb/hr	TPY		
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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
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	NOx	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
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
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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
LD3	Product Loading	VOC	0.13	0.02
CARB	Process Fugitives (4)	VOC	0.45	1.98

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
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	0.84	3.68
UC-6	Cooling Tower	VOC	0.02	0.08
UC-7	Cooling Tower	VOC	0.02	0.08
RA-22	Plant Flare	VOC	0.02	0.09
		NOx	0.03	0.11
		CO	0.22	0.96

- (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
NOx - 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.

* 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_____