

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4788

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		
TE-42	Storage Tank			VOC	2.32	0.20
TE-43	Storage Tank			VOC	2.32	0.20
TE-51	Storage Tank			VOC	4.49	0.09
TE-52	Storage Tank			VOC	4.49	0.09
TE-54	Storage Tank			VOC	4.49	0.09
TE-68	Storage Tank			VOC	2.32	0.20
TE-106	Storage Tank			VOC	4.49	0.09
TE-109	Storage Tank			VOC	4.51	0.28
TE-112	Storage Tank			VOC	4.49	0.09
TE-69	Storage Tank			VOC	4.51	0.21
TE-76	Storage Tank			VOC	4.51	0.21
TE-119	Storage Tank			VOC	4.53	0.27
TE-121	Storage Tank			VOC	4.53	0.27
TE-122	Storage Tank			VOC	4.53	0.27
TE-123	Storage Tank			VOC	4.53	0.27
TG-11	Rundown Tank			VOC	0.70	0.06
TG-12	Rundown Tank			VOC	0.70	0.06

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
UNL1	Unloading Spot 1 (4)	VOC	0.12	0.54
RAILA1	Rail Loading 1 (4)	VOC	0.58	0.38
LD2	Loading Spot 2 (4)	VOC	0.40	0.24

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			lb/hr	TPY
LD3	Unloading Spot 3 (4)	VOC	<0.01	0.01
LD4	Loading Spot 4 (4)	VOC	0.57	0.34
LD5	Loading Spot 5 (4)	VOC	0.40	0.24
TE-66	Rail Loading Scrubber	VOC	0.70	0.22
TE-108	Truck loading Scrubber	VOC	0.70	0.22
UF-3	Cooling Tower	VOC	0.04	0.18
UF-4	Cooling Tower	VOC	0.04	0.18
UF-9	Cooling Tower	VOC	0.10	0.44
SAU	SAU Fugitives (4)	VOC	0.65	2.86
AAU	AAU Fugitives (4)	VOC	0.3	1.32
JAUII-A	JAUII-A Fugitives (4)	VOC	0.10	0.44
TK2-A	TK2-A Fugitives (4)	VOC	0.10	0.46
TK3-A1	TK3-A1 Fugitives (4)	VOC	<0.01	0.03
TK3-A2	TK3-A1 Fugitives (4)	VOC	0.11	0.48
TK4-A1	TK4-A1 Fugitives (4)	VOC	0.04	0.15
TK4-A2	TK4-A2 Fugitives (4)	VOC	0.02	0.07
TK8-A	TK8-A Fugitives (4)	VOC	0.11	0.48
TK9-A1	TK9-A1 Fugitives (4)	VOC	0.01	0.06
TK9-A2	TK9-A2 Fugitives (4)	VOC	0.01	0.06

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
TK9-A3	TK9-A3 Fugitives (4)	VOC	0.02	0.07
TK9-A4	TK9-A4 Fugitives (4)	VOC	0.01	0.06
TK9-A5	TK9-A5 Fugitives (4)	VOC	0.02	0.07
TK10-A	TK10-A Fugitives (4)	VOC	0.05	0.21
RA-22	Flare	NH ₃	3.00	0.57
		VOC	6.05	1.35
		CO	<0.01	<0.01
		NO _x	0.33	0.09
RG-43	Fume Incinerator	CO	0.86	3.78
		NO _x	2.29	10.01
		PM ₁₀	0.04	0.16
		SO ₂	<0.01	<0.01
		VOC	2.17	5.75
TG-21	Venturi Scrubber	NH ₃	0.02	0.08
		VOC	2.69	0.13
FE-30	Unloading Scrubber	NH ₃	0.11	<0.01
		VOC	0.12	0.02
FG-87	Water Scrubber	Emergency Use Only		

- (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) PM₁₀ - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
NH₃ - ammonia
- (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_____

