

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES
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Permit No. 7195A

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

1	Tank	VOC	12.6	3.4
2	Tank	VOC	12	3
3	Tank (5)	VOC	1.6	6.9
3	Tank (6)	VOC	4	10
4	Tank (5)	VOC	1.6	6.9
4	Tank (6)	VOC	4	10
7	Tank	Lube Oil	12.1	0.4
8	Tank	Lube Oil	12.1	0.4
9	Tank	VOC	6.6	0.3
10	Tank	Lube Oil	12.1	0.4
11	Tank	Lube Oil	12.1	0.4
12	Tank (5)	VOC	1.7	6.4
12	Tank (6)	VOC	3	6.3
13	Tank	Lube Oil	12.1	0.5
14	Tank	Lube Oil	12.1	0.8

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15	Tank	Lube Oil	12.1	0.5
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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	TPY
16a	Tank	Lube Oil	12	<0.1
LR-1	Truck Rack	VOC, Lube Oil	1.8	0.9
LR-2	Truck Rack	VOC, Lube Oil	1.8	0.9
5a	Flare	VOC	31	19
		Benzene	0.4	0.24
		NO _x	4.6	3.8
		CO	9.1	7.6
100	Tank	VOC	6.7	1.6
101	Tank	Lube Oil	12	<0.1
LR-100	Truck Rack	VOC, Lube Oil	0.9	0.3
LR-101	Truck Rack	VOC, Lube Oil	0.5	0.15
N24-1	Rail Car Spot (7)	VOC, Lube Oil	0.9	0.3
N24-2	Rail Car Spot (7)	VOC, Lube Oil	0.9	0.3
N24-3	Rail Car Spot (7)	VOC, Lube Oil	0.9	0.3
N24-4	Rail Car Spot (7)	VOC, Lube Oil	0.9	0.3
117	Tank	Lube Oil	12.1	0.6
119	Tank	Veg Oil	<0.1	<0.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY
122	Tank	Veg Oil	<0.1	<0.1
123	Tank	Veg Oil	<0.1	<0.1
124	Tank	Lube Oil	12.2	0.8
125	Tank	Veg Oil	<0.1	<0.1
126	Tank	Veg Oil	<0.1	<0.1
127	Tank	Veg Oil	<0.1	<0.1
128	Tank	Veg Oil	<0.1	<0.1
129	Tank	Veg Oil	<0.1	<0.1
131	Tank	VOC	0.1	0.5
132	Tank	Veg Oil	<0.1	<0.1
LR-3	Truck Rack	VOC, Lube Oil	1.8	0.6
LR-4	Truck Rack	VOC, Lube Oil	2.4	0.7
LR-5	Truck Rack	VOC, Lube Oil	0.9	3.7
N25-1	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-2	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-3	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-4	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-5	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-6	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY
N25-7	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-8	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-9	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-10	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-11	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-12	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
N25-13	Rail Car Spot (8)	VOC, Lube Oil	0.9	0.1
201	Tank	Veg Oil	<0.1	<0.1
202	Tank	Veg Oil	<0.1	<0.1
LR-200	Truck Rack	Veg Oil	<0.1	<0.1
LR-201	Truck Rack	Veg Oil	<0.1	<0.1
LR-202	Truck Rack	Veg Oil	<0.1	<0.1
N2829-1	Rail Car Spot (9)	Veg Oil	<0.1	<0.1
N2829-2	Rail Car Spot (9)	Veg Oil	<0.1	<0.1
N2829-3	Rail Car Spot (9)	Veg Oil	<0.1	<0.1
N2829-4	Rail Car Spot (9)	Veg Oil	<0.1	<0.1
N2829-5	Rail Car Spot (9)	Veg Oil	<0.1	<0.1
203	Tank	Veg Oil	<0.1	<0.1
204	Tank	Veg Oil	<0.1	<0.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY
205	Tank	Veg Oil	<0.1	<0.1
OD-1	Dock	VOC, Lube Oil	1.3	0.1
OD-2	Dock	VOC, Lube Oil	1.3	0.1
OD-3	Dock	VOC, Lube Oil	13.4	0.2
TNKFUGIT1	Fugitives, (4) Main Tank Farm	VOC, Lube Oil	2.58	11.29
TNKFUGIT2	Fugitives, (4) TK-100 Farm	VOC, Lube Oil	0.52	2.28
TNKFUGIT3	Fugitives, (4) 100-Series Tank Farm	VOC, Lube Oil	0.60	2.64
TNKFUGIT4	Fugitives, (4) 200-Series Tank Farm	Veg Oil	<0.01	<0.01
TNKFUGIT5	Fugitives, (4) Union Carbide Tank Farm	Veg Oil	<0.01	<0.01

- (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) CO - carbon monoxide
NO_x - total oxides of nitrogen
Veg Oil - vegetable oil
VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) This maximum allowable emissions rate is based on current facility operation and shall cease to apply when the Loading Rack 3a monitoring system is modified as required in Special Condition No. 18.
- (6) This maximum allowable emissions rate is based on future facility operation and shall become effective when the Loading Rack 3a monitoring system is modified as required in Special Condition No. 18.
- (7) The sum of the VOC emissions from all the loading spots in the loading rack N24 may not

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exceed 0.3 TPY.

- (8) The sum of the VOC emissions from all the loading spots in the loading rack N25 may not exceed 0.1 TPY.
- (9) The sum of the VOC emissions from all the loading spots in the loading rack N2829 may not exceed 0.1 TPY.

* 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 _____