

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
1001	Tank (8)	VOC	3.17	10.28
1002	Tank	VOC	12	3
1003	Tank	VOC	2.29	7.12
1004	Tank	VOC	2.26	6.95
1005	Tank (8)	VOC	10.28	0.27
5a	Flare	VOC	31	19
		Benzene	0.4	0.24
		NO _x	4.6	3.8
		CO	9.1	7.6
1006	Tank (8)	VOC	10.28	0.27
1007	Tank	Lube Oil	12.1	0.4
1008	Tank	Lube Oil	12.1	0.4
1009	Tank	VOC	1.78	0.27
1010	Tank	Lube Oil	12.1	0.4
1011	Tank	Lube Oil	12.1	0.4
1012	Tank (8)	VOC	2.71	4.00
1013	Tank	Lube Oil	12.1	0.5

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**
1014	Tank	Lube Oil	12.1	0.8
1015	Tank	Lube Oil	12.1	0.5
1016a	Tank	Lube Oil	12	<0.1
1017	Tank (8)	VOC	1.40	0.02
2100	Tank	VOC	2.09	0.10
2101	Tank	Lube Oil	12	<0.1
2103	Tank (8)	VOC	5.31	0.07
2104	Tank (8)	VOC	5.31	0.07
2105	Tank(8)	VOC	5.31	0.07
2106	Tank (8)	VOC	5.31	0.07
2107	Tank(8)	VOC	5.31	0.07
2108	Tank (8)	VOC	5.31	0.07
2117	Tank	Lube Oil	12.1	0.6
2118	Tank(8)	VOC	10.34	0.35
2119	Tank	Veg Oil	<0.1	<0.1
2120	Tank(8)	VOC	10.29	0.29
2121	Tank (8)	VOC	10.28	0.07

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**
2122	Tank	Veg Oil	<0.1	<0.1
2123	Tank	Veg Oil	<0.1	<0.1
2124	Tank	Lube Oil	12.2	0.8
2125	Tank	Veg Oil	<0.1	<0.1
2126	Tank	Veg Oil	<0.1	<0.1
2127	Tank	Veg Oil	<0.1	<0.1
2128	Tank	Veg Oil	<0.1	<0.1
2129	Tank	Veg Oil	<0.1	<0.1
2130	Tank (8)	VOC	10.26	0.78
2131	Tank	VOC	0.1	0.5
2132	Tank	Veg Oil	<0.1	<0.1
2140	Tank(8)	VOC	5.29	0.07
2141	Tank(8)	VOC	10.29	0.25
2142	Tank (8)	VOC	5.29	0.07
2143	Tank (8)	VOC	10.00	0.25
2144	Tank (8)	VOC	5.35	0.07
2145	Tank (8)	VOC	10.28	0.26
2146	Tank (8)	VOC	5.3	0.07

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**
2148	Tank (8)	VOC	5.3	0.07
2150	Tank (8)	VOC	5.3	0.07
2151	Tank (8)	VOC	10.34	0.39
2152	Tank (8)	VOC	10.34	0.38
2153	Tank (8)	VOC	10.34	0.38
2154	Tank (8)	VOC	10.34	0.39
2155	Tank (8)	VOC	10.34	0.39
2156	Tank (8)	VOC	10.34	0.39
2157	Tank (8)	VOC	10.28	0.26
2158	Tank (8)	VOC	10.25	0.26
3200	Tank (8)	VOC	10.3	1.45
3201	Tank (8)	VOC	10.29	1.45
3202	Tank (8)	VOC	10.34	1.44
3203	Tank (8)	VOC	2.83	7.83
3204	Tank (8)	VOC	3.21	10.51
3205	Tank (8)	VOC	3.13	10.09
3206	Tank (8)	VOC	5.13	1.65

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**
DFILL	Diesel Emissions	VOC	3.02	6.88
DOCK No. 5	Fugitives (4)	VOC	0.01	0.1
DOCK5VCU	VCU Barge Dock	VOC	32.27	73.6
		NO _x	20.85	47.5
		CO	41.70	95.1
		PM ₁₀	0.59	1.3
		SO ₂	0.05	0.1
LR-1	Truck Rack	VOC, Lube Oil	1.8	0.9
LR-2	Truck Rack	VOC, Lube Oil	1.8	0.9
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
LR-100	Truck Rack	VOC, Lube Oil	0.9	0.3
LR-101	Truck Rack	VOC, Lube Oil	0.5	0.15
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
N24-1	Railcar Spot	VOC, Lube Oil	0.9	(5)
N24-2	Railcar Spot	VOC, Lube Oil	0.9	(5)

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**
N24-3	Railcar Spot	VOC, Lube Oil	0.9	(5)
N24-4	Railcar Spot	VOC, Lube Oil	0.9	(5)
N25-1	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-2	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-3	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-4	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-5	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-6	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-7	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-8	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-9	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-10	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-11	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-12	Railcar Spot	VOC, Lube Oil	0.9	(6)
N25-13	Railcar Spot	VOC, Lube Oil	0.9	(6)
N2829-1	Railcar Spot	Veg Oil	<0.1	(7)
N2829-2	Railcar Spot	Veg Oil	<0.1	(7)

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**
N2829-3	Railcar Spot	Veg Oil	<0.1	(7)
N2829-4	Railcar Spot	Veg Oil	<0.1	(7)
N2829-5	Railcar Spot	Veg Oil	<0.1	(7)
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
OILDOCK No. 2	Fugitives, (4)	VOC (naphtha)	0.15	0.002
	Marine Dock 2	VOC (coal tar)	< 0.01	< 0.01
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
Boiler 1	Boiler 1	VOC	0.09	0.39
		CO	1.37	6.02
		NO _x	1.64	7.16
		PM ₁₀	0.12	0.54
		SO ₂	0.01	0.04

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**
Boiler 2	Boiler 2	VOC	0.06	0.23
		CO	0.87	3.79
		NO _x	1.03	4.51
		PM ₁₀	0.08	0.34
		SO ₂	0.01	0.03
Boiler 3	Boiler 3	VOC	0.05	0.23
		CO	0.80	3.51
		NO _x	0.95	4.18
		PM ₁₀	0.07	0.32
		SO ₂	0.01	0.03
H.O. 1	Hot Oil Heater 1	VOC	0.07	0.28
		CO	0.99	4.33
		NO _x	1.18	5.15
		PM ₁₀	0.09	0.39
		SO ₂	0.01	0.03
H.O. 2	Hot Oil Heater 2	VOC	0.02	0.09
		CO	0.33	1.44
		NO _x	0.39	1.72
		PM ₁₀	0.03	0.13
		SO ₂	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

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**

Veg Oil - vegetable oil

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM - particulate matter suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

SO₂ - sulfur dioxide

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The sum of the VOC emissions from all the loading spots in the Loading Rack N24 may not exceed 0.3 tpy.
- (6) The sum of the VOC emissions from all the loading spots in the Loading Rack N25 may not exceed 0.1 tpy.
- (7) The sum of the VOC emissions from all the loading spots in the Loading Rack N2829 may not exceed 0.1 tpy.
- (8) The emissions for these facilities are authorized under Permits-by-Rule (PBR) and incorporated by reference
only into this permit.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day_____Days/week_____Weeks/year or 8,760 Hrs/year

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

Dated February 8, 2008