

EMISSION SOURCES - EMISSIONS CAPS

Flexible Permit Number 21356

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
100-30	IFR Tank 100-30	VOC		
100-31	IFR Tank 100-31	VOC		
150-1	IFR Tank 150-1	VOC		
150-2	IFR Tank 150- 2	VOC		
150-3	IFR Tank 150- 3	VOC		
150-4	IFR Tank 150- 4	VOC		
150-5	IFR Tank 150- 5	VOC		
150-13	IFR Tank 150-13	VOC		
150-14	IFR Tank 150-14	VOC		
150-15	IFR Tank 150-15	VOC		
T541	Internal Floating Roof Tank	VOC		
T542	Internal Floating Roof Tank	VOC		
T543	Internal Floating Roof Tank	VOC		
T549	Internal Floating Roof Tank	VOC		
T551	Internal Floating Roof Tank	VOC		
T552	Internal Floating Roof Tank	VOC		

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
T553	Internal Floating Roof Tank	VOC		
T554	Internal Floating Roof Tank	VOC		
T555	Internal Floating Roof Tank	VOC		
T556	Internal Floating Roof Tank	VOC		
T557	Internal Floating Roof Tank	VOC		
T558	Internal Floating Roof Tank	VOC		
T579	Internal Floating Roof Tank	VOC		
T580	Internal Floating Roof Tank	VOC		
T581	Internal Floating Roof Tank	VOC		
T582	Internal Floating Roof Tank	VOC		
T583	Internal Floating Roof Tank	VOC		
T584	Internal Floating Roof Tank	VOC		
T585	Internal Floating Roof Tank	VOC		
T586	Internal Floating Roof Tank	VOC		
T587	Internal Floating Roof Tank	VOC		
T588	Internal Floating Roof Tank	VOC		
T589	Internal Floating Roof Tank	VOC		
T5100	Internal Floating Roof Tank	VOC		
T5101	Internal Floating Roof Tank	VOC		

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
T5102	Internal Floating Roof Tank	VOC		
T5103	Internal Floating Roof Tank	VOC		
T5104	Internal Floating Roof Tank	VOC		
T5105	Internal Floating Roof Tank	VOC		
T5106	Internal Floating Roof Tank	VOC		
T5107	Internal Floating Roof Tank	VOC		
T5108	Internal Floating Roof Tank	VOC		
T503	Fixed-Roof Tank	VOC		
T504	Fixed-Roof Tank	VOC		
T505	Fixed-Roof Tank	VOC		
T507	Fixed-Roof Tank	VOC		
T508	Fixed-Roof Tank	VOC		
T509	Fixed-Roof Tank	VOC		
T511	Fixed-Roof Tank	VOC		
T512	Fixed-Roof Tank	VOC		
T513	Fixed-Roof Tank	VOC		
T516	Fixed-Roof Tank	VOC		
T517	Fixed-Roof Tank	VOC		

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
T518	Fixed-Roof Tank	VOC		
T519	Fixed-Roof Tank	VOC		
T520	Fixed-Roof Tank	VOC		
T545	Fixed-Roof Tank	VOC		
T546	Fixed-Roof Tank	VOC		
T548	Fixed-Roof Tank	VOC		
T550	Fixed-Roof Tank	VOC		
T563	Fixed-Roof Tank	VOC		
T567	Fixed-Roof Tank	VOC		
T569	Fixed-Roof Tank	VOC		
T570	Fixed-Roof Tank	VOC		
T572	Fixed-Roof Tank	VOC		
T573	Fixed-Roof Tank	VOC		
T574	Fixed-Roof Tank	VOC		
T577	Fixed-Roof Tank	VOC		
T578	Fixed-Roof Tank	VOC		
T590	Fixed-Roof Tank	VOC		
T591	Fixed-Roof Tank	VOC		
T592	Fixed-Roof Tank	VOC		

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
T593	Fixed-Roof Tank	VOC		
T595	Fixed-Roof Tank	VOC		
T596	Fixed-Roof Tank	VOC		
T597	Fixed-Roof Tank	VOC		
T598	Fixed-Roof Tank	VOC		
T599	Fixed-Roof Tank	VOC		
DKFUG	Dock Area Fugitives	VOC		
FUG2	No. 2 Station Fugitives	VOC		
FUG3	No. 3 Station Fugitives	VOC		
FUG4	No. 4 Station Fugitives	VOC		
FUG5	No. 5 Station Fugitives	VOC		
FUG6	No. 6 Station Fugitives	VOC		
FUG7	BC Manifold Fugitives	VOC		
FUG8	Clean 44 Junction Fugitives	VOC		
FUG13	No. 10 Station Manifold	VOC		
METERSTAT1	Crude Oil Meter Station Fugitives	VOC		
NVESSEL1	North Dock Marine Loading	VOC		
SVESSEL1	South Dock Marine Loading	VOC		

VOC Subcap Applicability and Itemization (4)

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
100-30	IFR Tank 100-30	VOC	7.55	3.98
100-31	IFR Tank 100-31	VOC	7.55	3.98
150-1	IFR Tank 150-1	VOC	3.86	
150-2	IFR Tank 150-2	VOC	3.86	
150-3	IFR Tank 150-3	VOC	3.86	
150-4	IFR Tank 150-4	VOC	3.86	
150-5	IFR Tank 150-5	VOC	3.86	
150-13	IFR Tank 150-13	VOC	6.43	5.29
150-14	IFR Tank 150-14	VOC	6.43	5.29
150-15	IFR Tank 150-15	VOC	6.43	5.29
FUG11	No. 8 Station Manifold	VOC	0.40	1.77
FUG13	No. 10 Station Manifold	VOC	0.60	2.63
DKFUG	Dock Loading Arms Expansion	VOC	0.18	0.79
IFR MSS	IFR Tank Roof Landing MSS	VOC	1959.94	174.00
	(includes emissions from EPN PORTFLARE)			
	VOC Subcap Totals	VOC	2014.81	211.62
	<i>Total VOC Emission Cap (5)</i>	VOC	5552.05	828.62
<u>Benzene Sources</u>				
100-30	IFR Tank 100-30	BZ		
100-31	IFR Tank 100-31	BZ		

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
150-1	IFR Tank 150-1	BZ		
150-2	IFR Tank 150- 2	BZ		
150-3	IFR Tank 150- 3	BZ		
150-4	IFR Tank 150- 4	BZ		
150-5	IFR Tank 150- 5	BZ		
150-13	IFR Tank 150-13	BZ		
150-14	IFR Tank 150-14	BZ		
150-15	IFR Tank 150-15	BZ		
T541	Internal Floating Roof Tank	BZ		
T542	Internal Floating Roof Tank	BZ		
T543	Internal Floating Roof Tank	BZ		
T549	Internal Floating Roof Tank	BZ		
T551	Internal Floating Roof Tank	BZ		
T552	Internal Floating Roof Tank	BZ		
T553	Internal Floating Roof Tank	BZ		
T554	Internal Floating Roof Tank	BZ		
T555	Internal Floating Roof Tank	BZ		
T556	Internal Floating Roof Tank	BZ		
T557	Internal Floating Roof Tank	BZ		

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
T558	Internal Floating Roof Tank	BZ		
T579	Internal Floating Roof Tank	BZ		
T580	Internal Floating Roof Tank	BZ		
T581	Internal Floating Roof Tank	BZ		
T582	Internal Floating Roof Tank	BZ		
T583	Internal Floating Roof Tank	BZ		
T584	Internal Floating Roof Tank	BZ		
T585	Internal Floating Roof Tank	BZ		
T586	Internal Floating Roof Tank	BZ		
T587	Internal Floating Roof Tank	BZ		
T588	Internal Floating Roof Tank	BZ		
T589	Internal Floating Roof Tank	BZ		
T5100	Internal Floating Roof Tank	BZ		
T5101	Internal Floating Roof Tank	BZ		
T5102	Internal Floating Roof Tank	BZ		
T5103	Internal Floating Roof Tank	BZ		
T5104	Internal Floating Roof Tank	BZ		
T5105	Internal Floating Roof Tank	BZ		
T5106	Internal Floating Roof Tank	BZ		

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
T5107	Internal Floating Roof Tank	BZ		
T5108	Internal Floating Roof Tank	BZ		
DKFUG	Dock Area Fugitives	BZ		
FUG2	No. 2 Station Fugitives	BZ		
FUG5	No. 5 Station Fugitives	BZ		
FUG6	No. 6 Station Fugitives	BZ		
FUG8	Clean 44 Junction Fugitives	BZ		
FUG11	No. 8 Station Fugitives	BZ		
METERSTAT1	Crude Oil Meter Station Fugitives	BZ		
NVESSEL1	North Dock Marine Loading	BZ		
SVESSEL1	South Dock Marine Loading	BZ		

Benzene Subcap Applicability and Itemization (6)

100-30	IFR Tank 100-30	BZ	0.38	0.13
100-31	IFR Tank 100-31	BZ	0.38	0.13
150-1	IFR Tank 150-1	BZ		
150-2	IFR Tank 150-2	BZ		
150-3	IFR Tank 150-3	BZ		
150-4	IFR Tank 150-4	BZ		
150-5	IFR Tank 150-5	BZ		

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
150-13	IFR Tank 150-13	BZ	0.32	0.17
150-14	IFR Tank 150-14	BZ	0.32	0.17
150-15	IFR Tank 150-15	BZ	0.32	0.17
FUG11	No. 8 Station Manifold Fugitives	BZ	0.04	0.18
FUG13	No. 10 Station Manifold Fugitives	BZ	0.06	0.27
DKFUG	Dock Loading Arms Expansion	BZ	0.02	0.08
IFR MSS	IFR Tank Roof Landing MSS (Hourly rate based on Tank 150-13 refill) (includes emissions from EPN PORTFLARE)	BZ	8.35	14.45
	BZ Subcap Totals (6)	BZ	10.15	15.93
	<i>Total Benzene Emission Cap (7)</i>	BZ	43.76	24.61
VC-1	Vapor Combustor	NO _x	12.75	9.75
		CO	25.49	19.48
		Benzene	0.18	0.07
		VOC	4.55	1.34
PORTFLARE	Portable Flare	NO _x	17.40	0.22
		CO	34.74	0.44

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
BZ - benzene
- (4) Hourly and annual emission rates included in VOC hourly and annual Subcaps.

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- (5) Hourly and annual caps for VOC include the respective BZ caps.
 - (6) Hourly and annual emission rates included in BZ hourly and annual Subcaps.
 - (7) Hourly and annual caps for BZ are included in the respective VOC caps.
- * 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 May 18, 2010