

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1302

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 **
PH2	Start-Up Flare	VOC	501.76	24.56
		CO	475.58	29.41
		NO _x	119.84	4.90
		NH ₃	88.44	5.24
PH3	ADN Operating Flare	VOC	24.00	29.70
		CO	171.22	74.12
		NO _x	19.97	3.28
		VOC (5)	300.90	91.30
		CO (5)	362.80	280.00
		NO _x (5)	766.30	83.10
		SO ₂ (5)	0.60	0.78
PH70	Ammonia Flare	VOC	0.27	0.02
		CO	0.08	<0.01
		NO _x	54.84	3.30
		NH ₃	40.50	2.43
PH63	3090 Flare	VOC	18.00	2.40
		NO _x	0.74	0.24
		CO	6.37	2.09
PA403	Building 3056 Fugitive (4)	VOC	0.14	0.59
PA404	Building 3040 Fugitive (4)	VOC	2.97	12.99
		INORGANIC	0.14	0.61
PA405	Building 3050 Fugitive (4)	VOC	1.46	6.41

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 **
PA406	Building 3092 Fugitive (4)	VOC	0.21	0.90
PA407	Building 3045/3055 Fugitive (4)	VOC	1.06	4.63
PC408	Building 3065 Fugitive (4)	INORGANIC	0.03	0.11
		VOC	4.82	21.11
		INORGANIC	0.15	0.66
PC409	Building 3068 and 513 Fugitive (4)	VOC	1.72	7.55
PF410	311 Tank Farm Fugitive (4)	VOC	0.98	4.29
PF414	Fugitive (4)	VOC	0.04	0.15
PH401	Fugitive (4)	VOC	0.57	2.51
		NH ₃	0.97	4.26
PH402	Fugitive (4)	VOC	0.11	0.49
PC82	Dust Collector	PM	<0.01	<0.01
PT301	Tank	INORGANIC	<0.01	<0.01
PT302	Tank	INORGANIC	<0.01	0.01
PT303	Tank	INORGANIC	<0.01	<0.01
PT60	Absorber	VOC	2.90	1.17
PA39	Incinerator	VOC	0.20	0.12
		CO	0.10	0.50
		NO _x	25.00	8.75
PT326	H ₂ O Seal	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>	
			<u>lb/hr</u>	<u>TPY **</u>
PT312	Tank	VOC	1.20	4.10
PT329	Tank	VOC	0.12	0.16
PT308	Tank	VOC	0.06	0.15
PT10	Scrubber	HCl	0.56	<0.01
PT347	Tank	VOC	<0.01	0.02
PT341	Tank	VOC	0.01	0.04
PT343	Tank	VOC	0.01	0.02
PT349	Tank	VOC	0.01	0.02
PT344	Tank	VOC	0.01	0.05
PT345	Tank	VOC	0.02	<0.01
PT332	Tank	VOC	0.77	0.75
PT334	Tank	VOC	0.77	2.36
PT385	Tank	VOC	4.36	3.43
PT386	Tank	VOC	1.28	4.10
PT383	Tank	VOC	3.50	0.77
PT384	Tank	VOC	3.50	0.77
PN301	Tank	VOC	<0.01	<0.01
PT353	Tank	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>	
			<u>lb/hr</u>	<u>TPY **</u>
PT354	Tank	VOC	<0.01	0.01
PT355	Tank	VOC	<0.01	0.01
PP-90	Unloading Spot	VOC	<0.01	<0.01
PP-91	Unloading Spot	VOC	15.00	0.72
PP-112	Unloading Spot	VOC	0.20	<0.01
PT381	Tank	VOC	3.46	0.77
PT382	Tank	VOC	3.46	0.77
PP-140	Unloading Spot	INORGANIC	<0.01	<0.01
PN447	Fugitive (4)	VOC	0.60	2.63
PF413A	Fugitive (4)	INORGANIC	0.08	0.32

- (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 Title 30 Texas Administrative Code § 101.1
CO - carbon monoxide
NO_x - total oxides of nitrogen
NH₃ - ammonia
SO₂ - sulfur dioxide
HCl - hydrogen chloride
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Interim permit emission rates are valid until the amendment application which is required to be submitted as per Special Condition No. 12 has been authorized by the TCEQ.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

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

Dated November 13, 2006