

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 25595

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	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
001	Air Pollution Control System	VOC		30.01
	1.22			
	(Control Unit 001) (5)	HAPs	16.3	0.66
001A/002A/003A	Retort Doors (4)	VOC	5.92	2.45
		HAPs	3.22	1.33
004	Primary Boiler	PM ₁₀	0.25	1.1
		CO	2.4	10.5
		NO _x	2.6	11.4
		VOC	0.14	0.6
		SO ₂	0.03	0.13
005	Standby Boiler	PM ₁₀	1.2	2.46
		CO	2.44	9.65
		SO ₂	21.3	23.4
		NO _x	6.0	17.68
		VOC	0.11	0.48
006	Unloader No. 1 Dust Collection System	PM ₁₀	<0.01	0.01
007	Unloader No. 2 Dust Collection System	PM ₁₀	<0.01	0.01
017	Diesel Storage Tank No. 11 (4)	VOC		<0.01
	<0.01			

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
018	Diesel Storage Tank No. 12 (4) <0.01		VOC	<0.01
019	Diesel Storage Tank No. 13 (4) <0.01		VOC	<0.01
020	Diesel Storage Tank No. 14 (4) <0.01		VOC	<0.01
040	Flow Weir Box (4)	VOC HAPs	<0.01 <0.01	0.02 0.01
023	Lift Station No. 2 (4)	VOC HAPs	<0.01 <0.01	<0.01 <0.01
024	Lift Station No. 3 (4)	VOC HAPs	<0.01 <0.01	<0.01 <0.01
026	Lift Station (POW No. 2) (4) <0.01		VOC	<0.01
		HAPs	<0.01	<0.01
027	Lift Station (SOW) (4)	VOC HAPs	<0.01 <0.01	<0.01 <0.01
028	Lift Station (City) (4)	VOC HAPs	<0.01 <0.01	<0.01 <0.01
030	Primary Oil/Water Separator <0.01		VOC	<0.01
	No. 2 (4)	HAPs	<0.01	<0.01
031	Primary Oil/Water Separator 0.02		VOC	<0.01
	No. 3 (4)	HAPs	<0.01	<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
032	Secondary Oil/Water Separator <0.01 No. 1 (4)	VOC HAPs	<0.01 <0.01	<0.01 <0.01
033	Secondary Oil/Water Separator <0.01 No. 2 (4)	VOC HAPs	<0.01 <0.01	<0.01 <0.01
034	Equalization Tank No. 1 (4) <0.01	VOC HAPs	<0.01 <0.01	<0.01 <0.01
035	Equalization Tank No. 2 (4) <0.01	VOC HAPs	<0.01 <0.01	<0.01 <0.01
036	Equalization Tank No. 3 (4) <0.01	VOC HAPs	<0.01 <0.01	<0.01 <0.01
037	Equalization Tank No. 4 (4) <0.01	VOC HAPs	<0.01 <0.01	<0.01 <0.01
038	Biological Unit (4)	VOC HAPs	0.064 0.034	0.28 0.15
F001	Equipment Fugitives (4)	VOC HAPs	0.376 0.21	1.65 0.90
F002	Drip Pad (4)	VOC HAPs	0.018 <0.01	0.08 0.04
F003	Tank Farm Containment (4)	VOC	0.021	0.09

		HAPs	0.0114	0.05
F004	Process Drains (4)	VOC	<0.01	0.02
		HAPs	<0.01	0.02
F005	Black Tie Storage (4)	VOC	4.08	17.90
		HAPs	2.21	9.71
F007	Wood Waste (4)	PM	0.53	2.33
		PM ₁₀	0.26	1.165

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- (1) Emission point identification - either specific equipment designation or emission unit number from Table E-7 of the permit application.
 - (2) Specific point source name. For fugitive sources, area name or fugitive source name used.
 - (3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
HAPs - hazardous air pollutants as defined in the Federal Clean Air Act
- CO - carbon monoxide
NO_x - nitrogen oxides
SO₂ - sulfur dioxide

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 particulate matter greater than 10 microns is emitted.

(4) Fugitive emissions are an estimate only.

(5) The following units are vented to the Control Unit 001:

- (a) Retort and vacuum system No. 1 (EU001)
- (b) Retort and vacuum system No. 2 (EU002)
- (c) Retort and vacuum system No. 3 (EU003)
- (d) Work Tank No. 2 (EU010)
- (e) Work Tank No. 3 (EU011)
- (f) Work Tank No. 4 (EU012)
- (g) Work Tank No. 6 (EU013)
- (h) Storage Tank No. 1 (EU014)
- (i) Reclaim Tank No. 9 (EU015)
- (j) Storage Tank No. 8 (EU016)
- (k) Stormwater Tank No. 5 (EU021)
- (l) Lift Station No. 1 (EU022)
- (m) Lift Station No. 4 (EU025)
- (n) POW No. 1 (Tank 7) (EU029)

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

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

Dated_____