

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3178

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**
F-356	Tank F356	VOC	0.01	0.01
D-365	Tank D365	VOC	0.01	0.01
D-369	Tank D369	VOC	0.01	0.01
EPFlare	Flare (5)	Benzene	0.29	1.26
		Toluene	0.01	0.01
		NO _x	0.02	0.08
		CO	0.10	0.41
		Xylene	0.01	0.01
		SO ₂	0.01	0.01
		PM	0.01	0.02
FUGBEU	Fugitives (4) (7)	VOC	3.88	17.00
		Benzene (6)	1.30	5.65
		Cyclohexane (6)	0.08	0.34
		Ethylbenzene (6)	0.04	0.19
		Xylene (6)	0.06	0.27
		Toluene (6)	0.21	0.97
FUGBEU	Fugitives (4) (8)	VOC	3.66	16.04

- (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
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 HCl - hydrogen chloride
 CO - carbon monoxide
 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,

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it shall be assumed that no PM greater than 10 microns is emitted.

- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) Represents contributions from the benzene extraction unit only.
- (6) Speciated emissions are included in total VOC emission rates.
- (7) Fugitive emissions prior to pump seal upgrade.
- (8) Fugitive emissions after pump seal upgrade.

* 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

** Compliance with the annual limits is based on 12-month rolling basis.

Dated January 19, 2006