

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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	Storage Tank	VOC	0.03	0.06
D-365	Storage Tank	VOC	0.03	0.02
D-369	Storage Tank	VOC	0.03	0.02
CWT9	Cooling Tower (4)	VOC	0.03	0.11
		HCl	<0.001	<0.001
		Zinc	0.02	0.06
EP-Flare	Flare (10)	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
FEFUG-BEU	Fugitives (4)(8)	VOC	3.88	17.00
		Benzene (5)	1.30	5.65
		Cyclohexane (5)	0.08	0.34
		Ethylbenzene (5)	0.04	0.19
		Xylene (5)	0.06	0.27
		Toluene (5)	0.21	0.97
FEFUG-BEU	Fugitives (4)(9)	VOC	2.22	9.72
		Benzene (5)	0.74	3.23
		Cyclohexane (5)	0.04	0.19

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Ethylbenzene (5)	0.02	0.10
Xylene (5)	0.04	0.16
Toluene (5)	0.13	0.56

- (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 General Rule 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - HCl - hydrogen chloride
 - CO - carbon monoxide
 - PM - total suspended particulate matter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Speciated emissions are included in total VOC emission rates.
- (6) Deleted.
- (7) Deleted.
- (8) Fugitive emissions prior to pump seal upgrade.
- (9) Fugitive emissions after pump seal upgrade.
- (10) Represents contributions from the benzene extraction unit only.

* 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 _____