

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18816/PSD-TX-751M1

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>	
			#/hr	TPY
33-36-1	Pyrolysis Furnace	VOC	0.4	1.6
		NOx	27.0	118.3
		SO2	<0.1	<0.1
		PM	1.3	5.7
		CO	10.4	45.6
33-36-2	Pyrolysis Furnace	VOC	0.4	1.6
		NOx	27.0	118.3
		SO2	<0.1	<0.1
		PM	1.3	5.7
		CO	10.4	45.6
33-36-3	Pyrolysis Furnace	VOC	0.4	1.6
		NOx	27.0	118.3
		SO2	<0.1	<0.1
		PM	1.3	5.7
		CO	10.4	45.6
33-36-4	Pyrolysis Furnace	VOC	0.4	1.6
		NOx	27.0	118.3
		SO2	<0.1	<0.1
		PM	1.3	5.7
		CO	10.4	45.6
33-36-5	Pyrolysis Furnace	VOC	0.4	1.6
		NOx	27.0	118.3
		SO2	<0.1	<0.1
		PM	1.3	5.7
		CO	10.4	45.6
33-36-6	Pyrolysis Furnace	VOC	0.4	1.6

NOx	27.0	118.3
SO2	<0.1	<0.1
PM	1.3	5.7
CO	10.4	45.6

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			#/hr	TPY
C-33-1 and C-33-2	Decoking Cyclones	NOx	21.0	6.0
		PM	5.2	0.6
		CO	496.0	50.0
33-F-1	Fugitives (4)	VOC		16.7
		Benzene		1.01
T-33-95-1	DAC Storage Tank	VOC	0.5	1.48
		Benzene		0.42
T-33-95-1	DAC Storage Tank	VOC	0.5	1.48
		Benzene		0.42
05-33-1	Oil/Water Separator	VOC	1.2	4.8
		Benzene		0.53
CT-33-1	Cooling Tower	VOC	3.7	15.1
		Benzene		0.91
F-33-1	Flare	VOC		0.20
		NOx		0.04
		CO		0.07

- (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
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
PM - particulate matter
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as maximum allowable emission limit.

* 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_____