

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 46534 and PSD-TX-992

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**
06STK_001	FCCU CO Boiler Stack (Pre Scrubber)	VOC	11.51	50.40
		NO _x	984.00	2650.00
		CO	457.00	2000.00
		SO ₂	4610.00	12833.75
		PM	155.00	675.00
06FG_001	FCCU Fugitives (Pre Scrubber) (5)	VOC	9.85	40.16
06STK_003	FCCU Scrubber Stack	VOC	12.17	53.30
		NO _x	984.00	2275.00
		CO (6)	911.03	3772.98
		SO ₂	832.94	2849.19
		PM (6)	140.00	608.82
06FUG_001	FCCU Fugitives	VOC	9.84	43.10

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - 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 and should not be considered as a maximum allowable emission rate.
- (5) Pre Scrubber fugitive emissions are based on the use of a 28 RCT inspection program, Post

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Scrubber fugitive emissions are based on the use of the 28 VHP inspection program (and includes emission components from PBR facilities which are being rolled into this permit).

(6) These emissions are permitted under PSD as well as State reviews.

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

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

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

Dated_____