

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8636

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	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
V-20	FCCU Exhaust Vent	VOC	10.00	43.80
		NO <sub>x</sub>	133.00	177.70
		SO <sub>2</sub>	341.00	1041.94
		CO	195.00	109.62
		PM	66.40	118.29
		PM <sub>10</sub>	33.20	62.20
FL-3	FCCU Flare (4)	VOC	26.14	2.4
		NO <sub>x</sub>	6.03	0.6
		SO <sub>2</sub>	3.30	0.3
		CO	30.74	2.8

(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<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

(4) Emergency use also.

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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
_____Hrs/day	_____Days/week	_____Weeks/year or	<u>8,760</u>	Hrs/year

Dated\_\_\_\_\_