

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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*	
			lbs/hr	TPY
5DCU1-1	Coker Furnace No. 1	VOC	0.22	0.95
		NO2	18.8	82.38
		SO2	4.16	18.24
		PM	0.46	2.03
		PM10**	0.40	1.77
		CO	6.17	27.01
5DCU1-2	Coker Furnace No. 2	VOC	0.22	0.95
		NO2	18.18	82.38
		SO2	4.16	18.24
		PM	0.46	2.03
		PM10**	0.40	1.77
		CO	6.17	27.01
FDCU-1	DCU No. 1 Fugitive Emissions (4)	VOC	3.35	14.69
		C6H6***	0.002	0.01
		PM	55.31	47.38
		PM10**	24.77	21.40
FKDCU 1	DCU No. 1 Cooling Tower	VOC	0.42	1.84
		C6H6***	0.00025	0.0011
TVA01820	DCU Hot Resid Tank	VOC	0.07	0.27
TVA01821	DCU Resid Tank	VOC	0.02	0.03
EDCU 1	DCU No. 1 Emergency Flare			
VDCU 1	DCU No. 1 Decoking Vent 6 days/year			

\*\* PM10 and PM are not additive

\*\*\* Benzene and VOC values are not additive

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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>2</sub> - nitrogen dioxide  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
CO - carbon monoxide  
C<sub>6</sub>H<sub>6</sub> - benzene
  - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- \* 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

Revised\_\_\_\_\_