

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23551

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)	lb/hr	TPY
737-HEAT	Heater F001 and Heater F002	PM <sub>10</sub>	5.78	23.00
		VOC	1.17	4.68
		CO	18.98	53.00
		NO <sub>x</sub>	25.4	100.80
		SO <sub>2</sub>	10.64	21.20
737-CT	Cooling Tower	VOC	0.546	1.99
737-CL	Coke Loading	PM <sub>10</sub>	0.09	0.37
737-CP	Coke Pit	PM <sub>10</sub>	0.03	0.15
737-FUG	Fugitives (4)	VOC	3.12	13.67
		H <sub>2</sub> S	0.02	0.08

(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

PM<sub>10</sub> - particulate matter 10 microns or less in diameter

CO - carbon monoxide

H<sub>2</sub>S - hydrogen sulfide

(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 a maximum operating schedule of 8,760 hours per year.

Dated \_\_\_\_\_