

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

8411

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)	Name (3)	Air Contaminant lb/hr TPY	<u>Emission Rates *</u>	
CASE I: 100% COAL FIRING					
GBH-78	Kiln No. 2 Stack		PM	22.0	96.4
			PM10	10.0	43.8
			SO2	87.0	381.1
			H2SO4 mist	0.37	1.62
			NOx	238.0	1042.4
			VOC	3.8	16.6
			CO	60.0	262.8
CASE II: COAL AND COKE COMBINED FIRING OR 100% COKE FIRING					
GBH-78	Kiln No. 2 Stack		PM	12.0	52.6
			PM10	10.0	43.8
			SO2	7.1	31.1
			H2SO4 mist	0.6	2.63
			NOx	238.0	1042.4
			VOC	3.8	16.6
			CO	60.0	262.8

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) PM - particulate matter
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
H2SO4 - sulfuric acid

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

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Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8760

Revised _____