

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

234B

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
GBB001	Incinerator			VOC	0.6	1.0
				NOx	2.8	6.8
				PM	0.1	0.4
				Cl2	10.2	6.7
				HCl	5.6	8.4
				CO	0.5	1.4
GBB002	Environmental Vent Scrubber			VOC	16.0	5.7
				PM	0.5	2.2
				Cl2	10.0	2.7
				HCl	10.0	2.7
GBB005	HTF Heater Stack 8 MMBTU/HR			VOC	<0.1	<0.1
				NOx	8.6	37.8
				SO2	<0.1	0.2
				PM	0.5	2.0
				CO	0.8	3.7
GBB006	West Caustic Tank			NaOH	<0.01	<0.01
GBB007	East Caustic Tank			NaOH	<0.01	<0.01
FGBB01	Fugitives (4)			VOC	0.2	1.0
				PM	<0.1	0.2
				Cl2	0.2	0.8
				HCl	<0.1	0.3
				Freon	3.0	13.1

- (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
NOx - total oxides of nitrogen

SO₂ - sulfur dioxide
PM - particulate matter
Cl₂ - chlorine
HCl - hydrogen chloride
CO - carbon monoxide
NaOH - sodium hydroxide

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(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