

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6745B

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
BX001ST	Boiler 1	PM ₁₀	1.22	4.12
		SO ₂	5.2	22.7
		NO _x	20.0	51.3
		CO	8.6	28.9
		VOC	0.25	1.1
		1,3-Butadiene	0.10	0.34
BX002ST	Boiler 2	PM ₁₀	1.22	4.12
		SO ₂	5.2	22.7
		NO _x	20.0	43.2
		CO	8.6	28.9
		VOC	0.25	1.1
		1,3-Butadiene	0.10	0.34
D.90006	Dimethyl Formamide Tank	VOC	1.76	0.03
D5.0003	Chemical A Tank	VOC	0.78	0.01
D5.0009	Slop Oil Tank	VOC	2.09	0.02
BX001FL	Flare	VOC	5.0	0.46
		NO _x	0.26	0.15
		CO	1.89	1.08
BX001FE	Fugitives	VOC	13.4	58.8
BX003FE	Cooling Tower	VOC	2.9	12.8

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- (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) PM_{10} -particulate matter (PM) 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.
- SO_2 - sulfur dioxide
- NO_x - total oxides of nitrogen
- CO - carbon monoxide
- VOC - volatile organic compounds as defined in General Rule 101.1
- 1,3-Butadiene -speciated component of the total VOC.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated _____