

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 704

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 (4)(5)	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
2	Scrubber No. 2 (Organics)	PM	1.0	0.1
3 and 4	Boilers No. 3 and 4 (combined annual operation) 1.41	NO _x		5.64
		CO		
		VOC		0.12
		SO ₂		0.03
		PM		0.25
3	Boiler No. 3	NO _x	1.29	
		CO	0.32	
		VOC	0.03	
		SO ₂	0.01	
		PM	0.06	
4	Boiler No. 4	NO _x	1.29	
		CO	0.32	
		VOC	0.03	
		SO ₂	0.01	
		PM	0.06	
5	Fugitives (6) (38 Tanks)	VOC	<1.0	<0.1

(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

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NO _x	-	total oxides of nitrogen
SO ₂	-	sulfur dioxide
PM	-	particulate matter
CO	-	carbon monoxide

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- (4) Emission rates for Boilers No. 3 and 4 are based on firing natural gas for 8,060 hours per year plus firing No. 2 fuel oil for a maximum of 700 hours per year. Only one boiler shall provide steam to the process at any one time
- (5) Emission rates for Scrubber No. 2 (EPN 2) are based on, and scrubber operation is limited to, the following maximum operating schedule: Hrs/day 16, Days/week 5, Weeks/year 52, or Hrs/year 4,160.
- (6) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate. Fugitive emission rates are based on 8,760 hours per year.

Dated: _____