

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Rates *	Source	Air Contaminant	<u>Emission</u>
Point No. (1)	Name (2)	Name (3)	
lb/hr	TPY **		

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Permit Number 19868

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)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY**
PELETDRYER	Pellet Dryer	Ethylene	0.08	0.04
		Propylene	0.81	0.84
		Total VOC	0.81	0.88
FINBAGFLTR	Finishing Bag Filter	PM ₁₀	0.02	0.04
CONBAGFLTR	Conveying Air Bag Filter	PM ₁₀	1.03	2.25
PELBAGFLTR	Pellet Cleaner Bag Filter	PM ₁₀	1.03	2.25
FLARE	Flare (Routine)	CO	46.58	42.93
		NO _x	9.04	8.42
		Ethylene	5.10	0.01
		Propylene	57.85	23.11
		Total VOC	57.85	23.11
		SO ₂	0.13	0.31

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Point No. (1)	Name (2)	Name (3)		
lb/hr	TPY **			
	Flare (Maintenance, start-up, and shutdown)	CO	46.58	0.56
		NO _x	9.04	0.11
		Ethylene	5.10	0.05
		Propylene	57.85	0.76
		Total VOC	57.85	0.81
FUGV3PP	Fugitives (4)	VOC	5.75	25.19
CWT	Cooling Tower	Ethylene	0.08	0.21
		Propylene	0.84	3.29
		Total VOC	0.84	3.68
		PM ₁₀ 1.89	3.95	
EMERGEN	Emergency Generator	PM ₁₀	0.37	0.01
		CO	1.12	0.03
		NO _x	5.21	0.14
		VOC	0.42	0.01
		SO ₂ 0.34	0.01	

- (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 Title 30 Texas Administrative Code § 101.1
 PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 CO - carbon monoxide
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
- (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:

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Point No. (1)	Name (2)	Name (3)	
lb/hr	TPY **		

Hrs/day_____ Days/week_____ Weeks/year_____ or Hrs/year 8,760

** Compliance with annual emission limit is based on a rolling 12-month period.

Dated August 10, 2006