

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5419

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)	Emission Rates *	
			lb/hr	TPY **
FGM-306A	Powder Classifier	VOC	0.10	0.01
FGM-306B	Powder Classifier	VOC	0.10	0.01
FGE-801	Cooling Tower (6)	C ₂ H ₄	0.06	0.14
		C ₃ H ₆	2.62	
		PM ₁₀	1.40	3.95
FINBLDG	Finishing Building	C ₂ H ₄	0.24	1.03
		C ₃ H ₆	1.13	
		VOC (5)	3.33	14.53
FUGWCPP2	Wastewater Collection	C ₂ H ₄	0.13	0.28
		C ₃ H ₆	5.32	
		VOC (5)	1.41	5.60
GH-516-1A	Bag Filter	PM ₁₀	0.01	0.01
GH-516-1B	Bag Filter	PM ₁₀	0.01	0.01
GH-516-1C	Bag Filter	PM ₁₀	0.01	0.01
GH-516-1D	Bag Filter	PM ₁₀	0.01	0.01
GH-516-2A	Bag Filter	PM ₁₀	0.01	0.01
GH-516-2B	Bag Filter	PM ₁₀	0.01	0.01
GH-516-2C	Bag Filter	PM ₁₀	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
GH-516-2D	Bag Filter	PM ₁₀	0.01	0.01
GH-516-1E	Bag Filter	PM ₁₀	0.02	0.01
GH-516-2E	Bag Filter	PM ₁₀	0.02	0.01
GM-520	Bag Filter	PM ₁₀	0.03	0.15
GM-527	Bag Filter	PM ₁₀	0.03	0.15
GM-607A	Cyclone	PM ₁₀	0.49	2.14
GM-607B	Cyclone	PM ₁₀	0.49	2.14
GM-1401	Flare	CO	202.06	50.99
		C ₂ H ₄	272.50	0.09
		C ₃ H ₆	272.50	46.20
		NO _x	28.19	10.01
		SO ₂	0.04	0.18
		VOC (5)	272.50	49.50
GM-1501	Emergency Generator (52 hours per rolling 12-months)	CO	1.85	0.05
		NO _x	8.59	0.22
		PM ₁₀	0.61	0.02
		SO ₂	0.57	0.01
		VOC	0.70	0.02
SEPARATOR	Separator	C ₂ H ₄	0.30	1.25
		C ₃ H ₆	0.03	0.07
		VOC (5)	0.33	1.32
SHOPPER	Strings Hopper	PM ₁₀	0.50	0.37
		C ₂ H ₄	0.51	0.19
		C ₃ H ₆	5.13	3.56
		VOC (5)	5.13	3.74

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
FUGV2PP	Process Fugitives (4)	VOC	13.61	59.60

(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) CO - carbon monoxide

C₂H₄ - ethylene

C₃H₆ - propylene

NO_x - total oxides of nitrogen

PM₁₀ - particulate matter less than 10 microns

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Ethylene and propylene are not included in the total VOC emission rate from this EPN.

(6) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

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

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

Dated October 13, 2006