

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6485

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		Emission Rates *	
	Name (2)	Name (3)	lb/hr	TPY		
A		Railcar Unloading Baghouse		PM ₁₀	0.012	0.019
B		Mill No. 1 Baghouse		PM ₁₀	4.05	17.75
C		Bin No. 1 Baghouse		PM ₁₀	0.057	0.25
D		Mill No. 2 Baghouse		PM ₁₀	2.69	11.8
E		Mill No. 2 Secondary Baghouse		PM ₁₀	1.14	5.0
F		Bin No. 2 Baghouse		PM ₁₀	0.51	2.25
G		Mill No. 3 Secondary Baghouse		PM ₁₀	1.62	7.08
H		Mill No. 3 Baghouse		PM ₁₀	2.83	12.39
I		Bin No. 3 Baghouse		PM ₁₀	0.51	2.25
J		Railcar Loading Baghouse		PM ₁₀	1.03	4.51
K		Pet Coke Dryer		PM ₁₀	3.77	16.53

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>		
			lb/hr	TPY	
		with Baghouse	NO _x	4.67	20.45
			CO	4.75	20.80
			VOC	0.22	0.95
			SO ₂	0.05	0.20
L	Silo No. 1 Baghouse		PM ₁₀	0.28	1.24
M	Silo No. 2 Baghouse		PM ₁₀	0.28	1.24
N	Silo No. 3 Baghouse		PM ₁₀	0.28	1.24
O	Silo No. 4 Baghouse		PM ₁₀	0.28	1.24
P	Silo No. 5 Baghouse		PM ₁₀	0.28	1.24
Q	Silo No. 6 Baghouse		PM ₁₀	0.28	1.24
R	Silo No. 7 Baghouse		PM ₁₀	0.28	1.24
S	Silo No. 8 Baghouse		PM ₁₀	0.28	1.24
T	Barge Loading Baghouse		PM ₁₀	0.43	1.88
FUG-1	Fugitive Area No. 1 (4) Railcar And Truck Unloading		TSP	14.56	33.69
			PM ₁₀	7.24	17.46

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
FUG-2		Fugitive Area No. 2 (4) Pet Coke Transfer to Breaker and Crusher, Dryer	TSP	4.3	18.8
			PM ₁₀	3.8	16.6
FUG-3		Fugitive Area No. 3 (4) Conveyor Transfer from Bin Nos. 1, 2, 3	TSP	0.6	2.7
			PM ₁₀	0.3	1.3
FUG-4		Fugitive Area No. 4 (4) Railcar Loading	TSP	1.96	8.59
			PM ₁₀	0.93	4.06
FUG-5		Fugitive Area No. 5 (4) Barge Unloading	TSP	1.33	5.84
			PM ₁₀	0.63	2.76
FUG-8		Fugitive Area No. 8 (4) Outdoor Storage Piles	TSP	3.41	4.25
			PM ₁₀	1.96	3.52

- (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) PM₁₀ - particulate matter less than 10 microns in diameter
TSP - total suspended particulate
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (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 8,760 Hrs/year

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

Dated_____