

Emission Sources - Maximum Allowable Emission Rates

Permit Number 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, sources, and related activities. 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	
			lbs/hour	TPY (4)
A	Railcar Unloading Baghouse	PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.01
B	Mill No. 1 Baghouse	PM	4.05	17.75
		PM ₁₀	4.05	17.75
		PM _{2.5}	2.03	8.88
C	Bin No. 1 Baghouse	PM	0.06	0.25
		PM ₁₀	0.06	0.25
		PM _{2.5}	0.03	0.13
D	Mill No. 2 Baghouse	PM	2.69	11.80
		PM ₁₀	2.69	11.80
		PM _{2.5}	1.35	5.90
E	Mill No. 2 Secondary Baghouse	PM	1.14	5.00
		PM ₁₀	1.14	5.00
		PM _{2.5}	0.57	2.50
F	Bin No. 2 Baghouse	PM	0.51	2.25
		PM ₁₀	0.51	2.25
		PM _{2.5}	0.26	1.13

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G	Mill No. 3 Secondary Baghouse	PM	1.62	7.08
		PM ₁₀	1.62	7.08
		PM _{2.5}	0.81	3.54
H	Mill No. 3 Baghouse	PM	2.83	12.39
		PM ₁₀	2.83	12.39
		PM _{2.5}	1.42	6.20
I	Bin No. 3 Baghouse	PM	0.51	2.25
		PM ₁₀	0.51	2.25
		PM _{2.5}	0.26	1.13
J	Railcar Loading Baghouse	PM	1.03	4.51
		PM ₁₀	1.03	4.51
		PM _{2.5}	0.52	2.26
K	Pet Coke Dryer with Baghouse	PM	3.77	16.53
		PM ₁₀	3.77	16.53
		PM _{2.5}	1.89	8.27
		NO _x	4.67	20.45
		CO	6.22	27.26
		VOC	0.41	1.79
		SO ₂	0.04	0.19
L	Silo No. 1 Baghouse	PM	0.28	1.24
		PM ₁₀	0.28	1.24
		PM _{2.5}	0.14	0.62
M	Silo No. 2 Baghouse	PM	0.28	1.24
		PM ₁₀	0.28	1.24

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		PM _{2.5}	0.14	0.62
N	Silo No. 3 Baghouse	PM	0.28	1.24
		PM ₁₀	0.28	1.24
		PM _{2.5}	0.14	0.62
O	Silo No. 4 Baghouse	PM	0.28	1.24
		PM ₁₀	0.28	1.24
		PM _{2.5}	0.14	0.62
P	Silo No. 5 Baghouse	PM	0.28	1.24
		PM ₁₀	0.28	1.24
		PM _{2.5}	0.14	0.62
Q	Silo No. 6 Baghouse	PM	0.28	1.24
		PM ₁₀	0.28	1.24
		PM _{2.5}	0.14	0.62
R	Silo No. 7 Baghouse	PM	0.28	1.24
		PM ₁₀	0.28	1.24
		PM _{2.5}	0.14	0.62
S	Silo No. 8 Baghouse	PM	0.28	1.24
		PM ₁₀	0.28	1.24
		PM _{2.5}	0.14	0.62

T	Barge Loading Baghouse	PM	0.43	1.88
		PM ₁₀	0.43	1.88
		PM _{2.5}	0.22	0.94
FUG-1	Fugitive Area No. 1 Railcar and Truck Unloading (5)	PM	14.56	33.69

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		PM ₁₀	7.24	17.46
		PM _{2.5}	1.09	2.62
FUG-2	Fugitive Area No. 2 Pet Coke Transfer to Breaker, Crusher and Dryer (5)	PM	4.30	18.80
		PM ₁₀	3.80	16.60
		PM _{2.5}	1.10	4.81
FUG-3	Fugitive Area No. 3 Conveyor Transfer from Bin Nos. 1, 2, and 3(5)	PM	0.60	2.70
		PM ₁₀	0.30	1.30
		PM _{2.5}	0.05	0.20
FUG-4	Fugitive Area No. 4 Railcar Loading (5)	PM	1.96	8.59
		PM ₁₀	0.93	4.06
		PM _{2.5}	0.14	0.61
FUG-5	Fugitive Area No. 5 Railcar and Truck Barge Unloading (5)	PM	1.33	5.84
		PM ₁₀	0.63	2.76
		PM _{2.5}	0.10	0.41
FUG-8	Fugitive Area No. 8 Outdoor Storage Piles (5)	PM	3.41	4.25
		PM ₁₀	1.96	3.52
		PM _{2.5}	0.35	0.63

- (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
 NO- total oxides of nitrogen
 SO₂- sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀- total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5}- particulate matter equal to or less than 2.5 microns in diameter
 CO- carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

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Date: June 19, 2012