

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3326A

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	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
N	Napper Cyclone (a)		PM ₁₀	1.55 0.68
1-2,1-4, 1-5,1-6	Air Washer Layout Area No. 1 (b)		PM ₁₀	0.08 0.11
2-2,2-5	Air Washer Layout Area No. 2 (b)		PM ₁₀	0.06 0.12
3-2	Air Washer Layout Area No. 3 (b)		PM ₁₀	0.02 0.03
4-2	Air Washer Layout Area No. 4 (b)		PM ₁₀	0.02 0.03
5-1,5-2	Air Washer Layout Area No. 5 (c)		PM ₁₀	0.06 0.12
6-1,6-2	Air Washer Layout Area No. 6 (c)		PM ₁₀	0.06 0.12
7-1	Air Washer Layout Area No. 7 (b)		PM ₁₀	0.05 0.07
9-1,9-2	Air Washer Layout Area No. 9 (b)		PM ₁₀	0.07 0.09
11-1,11-2	Air Washer Layout Area No. 11 (b)		PM ₁₀	0.48 0.64
12-1,12-2	Air Washer Layout Area No. 12 (b)		PM ₁₀	0.58 0.76

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
13-1,13-2	Air Washer Layout Area No. 13 (b)		PM ₁₀	0.58 0.77
14-1,14-2	Air Washer Layout Area No. 14 (b)		PM ₁₀	0.63 0.83

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
15-1,15-4	Air Washer Layout Area No. 15 (b)		PM ₁₀	0.17 0.22
A-2	Abington Bag Filter (d)		PM ₁₀	0.11 0.47
B-2	Abington Bag Filter (d)		PM ₁₀	0.11 0.47
C-3	Abington Bag Filter (d)		PM ₁₀	0.11 0.47
F-1	Process Exhaust Fan (d)		PM ₁₀	0.04 0.18
F-2	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-3	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-4	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-5	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-6	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-7	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-8	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-9	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-10	Process Exhaust Fan (d)		PM ₁₀	0.02 0.07
F-11	Process Exhaust Fan (d)		PM ₁₀	0.02 0.07
F-12	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-13	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-14	Process Exhaust Fan (d)		PM ₁₀	0.03 0.13
F-15	Process Exhaust Fan (d)		PM ₁₀	0.04 0.18

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
F-16	Process Exhaust Fan (d)	PM ₁₀	0.04	0.18
F-17	Process Exhaust Fan (d)	PM ₁₀	0.04	0.18
F-18	Process Exhaust Fan (d)	PM ₁₀	0.04	0.18
F-19	Process Exhaust Fan (d)	PM ₁₀	0.04	0.18
F-20	Singer Exhaust Fan (e)	PM ₁₀	0.02	0.05
		VOC	0.02	0.05
		NO _x	0.22	0.95
		CO	0.05	0.19
		SO ₂	<0.01	0.01
B-1,2	Boilers 1 and 2 (f)	PM ₁₀	0.48	2.10
		VOC	0.27	1.18
		NO _x	13.40	58.90
		CO	3.36	14.70
		SO ₂	0.06	0.26

- (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) TSP - total suspended particulate matter including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 SO₂ - sulfur dioxide
- (a) Emission rates are based on and the facilities are limited to a maximum operating schedule of 876 hours per year.
- (b) Emission rates are based on and the facilities are limited to a maximum operating schedule of 2,628 hours per year.

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- (c) Emission rates are based on and the facilities are limited to a maximum operating schedule of 7,884 hours per year.
- (d) Emission rates are based on and the facilities are limited to a maximum operating schedule of 8,760 hours per year.
- (e) Emission rates are based on and the facilities are limited to a maximum operating schedule of 8,760 hours per year.
- (f) Emission rates are based on and the facilities are limited to both boilers running a combined maximum operating schedule of 8,760 hours per year.

Dated_____