

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 702A

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>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
2	Primary Crusher 2	PM PM ₁₀	0.13 0.01	0.51 0.04
5	Secondary Crusher 5	PM PM ₁₀	0.08 0.26	0.30 1.03
7	Tertiary Crusher 7	PM PM ₁₀	2.80 0.19	11.28 0.76
11	Tertiary Crusher 11	PM PM ₁₀	0.04 0.02	0.16 0.06
3	Screen 3	PM PM ₁₀	1.52 0.16	6.12 6.12
4	Screen 4	PM PM ₁₀	2.12 0.22	8.54 0.86
8	Screen 8	PM PM ₁₀	1.75 0.18	7.05 0.71
9	Screen 9	PM PM ₁₀	0.05 0.03	0.21 0.12
10	Screen 10	PM PM ₁₀	0.05 0.03	0.21 0.12
1	Trk Unl Frag	PM PM ₁₀	0.04 0.02	0.15 0.07

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A	F/E Ldr Unl	PM	5.40	10.89
		PM ₁₀	0.01	0.01
S	F/E Ldr Unl	PM	0.60	1.21
		PM ₁₀	0.01	0.01
Y	Trk Ld Crushed	PM	0.70	1.42
		PM ₁₀	0.02	0.04
20	Conv Pri Agg	PM	0.03	0.12
		PM ₁₀	0.02	0.05
21	Conv Pit Fines	PM	0.03	0.12
		PM ₁₀	0.02	0.05
22	Conv Ret-Pnt Lg	PM	0.02	0.05
		PM ₁₀	0.01	0.02
23	Drop P1-23	PM	0.07	0.25
		PM ₁₀	0.03	0.11
24	Drop P1-24	PM	0.10	0.38
		PM ₁₀	0.04	0.17
25	Conv Tyl-Sbin	PM	0.02	0.05
		PM ₁₀	0.01	0.02
26	Drop 25-Sbin	PM	0.17	0.67
		PM ₁₀	0.08	0.30
27	Conv Sbin-Trk	PM	0.02	0.09
		PM ₁₀	0.01	0.04

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28	Drop Sbin-Trk	PM	0.28	1.12
		PM ₁₀	0.13	0.49
29	Conv Hr-Pile 1.75	PM	0.01	0.01
		PM ₁₀	0.01	0.01
30	Drop to Sgp1	PM	0.49	1.97
		PM ₁₀	0.25	0.99
31	Conv Hr-Pile 1.0	PM	0.01	0.03
		PM ₁₀	0.01	0.01
32	Drop to Sgp1	PM	0.95	3.83
		PM ₁₀	0.48	1.92
33	Tunblt Sgp1-Vsi	PM	0.13	0.52
		PM ₁₀	0.07	0.26
34	Conv Vsi-S3	PM	0.01	0.03
		PM ₁₀	0.01	0.01
35	Conv S2-S3	PM	0.02	0.08
		PM ₁₀	0.01	0.03
36	Conv S3-Stkp1	PM	0.01	0.01
		PM ₁₀	0.01	0.01
37	Drop Conv-Stkp1	PM	0.34	1.37
		PM ₁₀	0.17	0.69
38	Conv S3-Stkp1	PM	0.01	0.01
		PM ₁₀	0.01	0.01
39	Drop Conv Stkp1	PM	0.47	1.89

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr TPY</u>	
		PM ₁₀	0.24	0.95
40	Tunbelt Stkp1-C4	PM	0.09	0.35
		PM ₁₀	0.05	0.18
41	Conv S3-P1eg	PM	0.02	0.07
		PM ₁₀	0.01	0.03
42	Conv S4/5-C	PM	0.01	0.01
		PM ₁₀	0.01	0.01
43	Conv S4/5-D	PM	0.01	0.01
		PM ₁₀	0.01	0.01
44	Conv S4/5-F	PM	0.01	0.01
		PM ₁₀	0.01	0.01
45	Drop Bin-Trk Sc	PM	0.02	0.06
		PM ₁₀	0.01	0.03
46	Conv C4-25	PM	0.01	0.01
		PM ₁₀	0.01	0.01
47	Drop 31-25	PM	0.01	0.03
		PM ₁₀	0.01	0.01
48	Drop 27-Stp1	PM	0.01	0.03
		PM ₁₀	0.01	0.02
49	Drop 28-Stp1	PM	0.02	0.06
		PM ₁₀	0.01	0.03
50	Drop 29-Stp1	PM	0.01	0.04
		PM ₁₀	0.01	0.02

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Point No. (1)	Name (2)	Name (3)	lb/hr TPY	
51	Drop 29-Stp1	PM	0.02	0.06
		PM ₁₀	0.01	0.03
52	Drop Trk-Stp1	PM	0.02	0.06
		PM ₁₀	0.01	0.03
53	Drop Trk-Stp1	PM	0.01	0.04
		PM ₁₀	0.01	0.02
54	Drop Trk-Stp1	PM	0.02	0.06
		PM ₁₀	0.01	0.03
55	Drop Trk-Stp1	PM	0.01	0.03
		PM ₁₀	0.01	0.02

(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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

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

24 Hrs/day 7 Days/week 48 Weeks/year or 8,064 Hrs/year

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

Dated_____