

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20625

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		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
1	Railcar Vent			VOC	0.002	0.001
4	Aerator Vent			VOC	0.057	0.050
				TCA	0.11	0.488
5	Aerator Vent			VOC	0.052	0.046
				TCA	0.115	0.51
20	Vent			TCA	0.571	1.5
21	Vent			TCA	0.571	1.5
22	Lab Vent			VOC	0.001	0.001
				NOx	0.004	0.003
				HCl	0.001	0.001
23	Lab Vent			VOC	0.001	0.001
				NOx	0.004	0.003
				HCl	0.001	0.001
25	Crusher Vent			VOC	0.046	0.028
				TCA	0.005	0.103
27	Chemical Vent			VOC	1.617	0.01
				TCA	0.004	0.001
30	Feed Tank Vent			VOC	0.28	0.028
				TCA	0.029	0.003
31	Barite Vent			PM/PM10	0.265	0.027
				TCA	0.004	0.001

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
			VOC	0.003	0.001
34	Vent		VOC	0.028	0.001
			TCA	0.029	1.5
39	Automotive Vent		VOC	0.018	0.02
40	Vent		VOC	0.029	0.001
			TCA	0.029	1.5
42	Glue Roller Vent		VOC	0.108	0.027
			TCA	4.715	3.357
43 **	Pouring Vent		VOC	360.41	37.26
			TCA	0.007	0.004
44	Vent		VOC	0.029	0.001
			TCA	0.029	1.5
47	Hot Oil Vent		VOC	0.002	0.004
			TCA	0.001	0.001
			O3	0.091	0.182
			NOx	0.001	0.001
48 **	Pouring Vent		VOC	300.22	42.78
			TCA	0.01	0.006
50	Vent		VOC	0.029	0.001
			TCA	0.029	1.5
51	Vent		VOC	0.009	0.007
			TCA	0.009	2.007
52	Vent		VOC	0.009	0.007
			TCA	0.009	2.007

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			lb/hr	TPY
54 **	Pouring Vent	VOC	80.02	6.46
		TCA	0.02	0.009
57	Vent	VOC	0.049	0.074
		TCA	0.049	4.073
60	Vent	VOC	0.009	0.007
		TCA	0.009	2.007
61	Blade Vent	VOC	0.004	0.001
		TCA	0.004	0.001
62	Blade Vent	VOC	0.004	0.001
		TCA	0.004	0.001
64	Vent	VOC	0.049	0.074
		TCA	0.049	4.073
65	First Blower	VOC	0.005	0.002
		TCA	0.001	0.001
66	Second Blower	VOC	0.005	0.01
		TCA	0.005	0.01
67	Third Blower	VOC	0.005	0.01
		TCA	0.005	0.01
68	Oven Hood	VOC	0.02	0.04
		PM/PM10	0.003	0.006
		SO2	0.001	0.001
		NOx	0.06	0.12
		CO	0.012	0.024
69	Oven Hood	VOC	0.05	0.10
		PM/PM10	0.012	0.024
		SO2	0.001	0.003

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
			NOx	0.24	0.48
			CO	0.048	0.096
71	Oven Hood		VOC	0.05	0.10
			PM/PM10	0.012	0.024
			SO2	0.001	0.003
			NOx	0.24	0.48
			CO	0.048	0.096
72	Oven Hood		VOC	0.03	0.06
			PM/PM10	0.003	0.006
			SO2	0.001	0.001
			NOx	0.06	0.12
			CO	0.012	0.024
73	Forth Blower		VOC	0.005	0.01
			TCA	0.005	0.01
74	Vent		VOC	0.049	0.074
			TCA	0.049	4.073
77	Bin Vent		PM/PM10	0.045	0.025
78	Bin Vent		PM/PM10	0.045	0.025
79	Bin Vent		PM/PM10	0.045	0.025
80	Bin Vent		PM/PM10	0.045	0.025
81	Bin Vent		PM/PM10	0.045	0.025
82	Bin Vent		PM/PM10	0.045	0.025
83	Bin Vent		PM/PM10	0.045	0.025
84	Bin Vent		PM/PM10	0.045	0.025

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
85	Cyclone	PM/PM10	0.09	0.20
87	Bin Vent	PM/PM10	0.045	0.09
88	Bin Vent	PM/PM10	0.045	0.09
89	Cyclone	PM/PM10	0.09	0.18
90	Second Rebond Vent	VOC	1.37	0.4
		TCA	0.57	1.13
91	First Rebond Vent	VOC	0.18	0.69
		TCA	0.14	0.27
92	Bonded Tanks	VOC	0.016	0.005
101 **	Slabroom Stack 1	VOC	278.0	76.02
		TCA	1.15	2.62
102 **	Slabroom Stack 1	VOC	278.0	76.02
		TCA	1.15	2.62
W5.1	Baumer Fan	VOC	0.053	0.08
		TCA	0.013	3.53
W5.2	Baumer Fan	VOC	0.053	0.08
		TCA	0.013	3.53

- (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
 PM10 - particulate matter less than 10 microns
 VOC - volatile organic compounds as defined in General Rule 101.1

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			lb/hr	TPY
	NOx - total oxides of nitrogen			
	SO2 - sulfur dioxide			
	CO - carbon monoxide			
	TCA - 1,1,1- trichloroethane			
	O3 - Ozone			

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760
and as represented in the permit application for each emission unit.

- ** The actual emissions from these emission points must be reduced by process controls (for all marked emission points) or add-on controls (for EPNs 43, 48 and 54) within eighteen months of the date of issuance of this permit in accordance with Special Provision No. 5.

Dated: _____