

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 Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
1	Railcar Vent	VOC	0.002	0.001
20	Vent	Acetone	0.319	0.839
21	Vent	Acetone	0.319	0.839
22	Lab Vent	TDI	0.001	0.001
		NO _x	0.004	0.003
		HCl	0.001	0.001
23	Lab Vent	TDI	0.001	0.001
		NO _x	0.004	0.003
		HCl	0.001	0.001
27	Chemical Vent	Acetone	0.002	0.001
		ABA	1.617	0.010
30	Feed Tank Vent	TMEDA	0.25	0.025
		Acetone	0.16	0.002
		ABA	0.026	0.003
31	Barite Vent	BaSO ₄	0.265	0.027
		Acetone	0.002	0.001
		ABA	0.003	0.001
34	Vent	Acetone	0.016	0.839
		ABA	0.028	0.001

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
39	Automotive Vent	ABA	0.018	0.020
40	Vent	Acetone	0.016	0.839
		ABA	0.285	0.001
43 **	Pouring Vent	Acetone	0.004	0.002
		ABA	360.000	37.000
44	Vent	Aceton	0.016	0.839
		ABA	0.029	0.001
47	Hot Oil Vent	NOx	0.001	0.001
		Ozone	0.091	0.182
		Acetone	0.001	0.001
		ABA	0.003	0.005
48 **	Pouring Vent	TDI	0.220	0.318
		Acetone	0.006	0.003
		ABA	300.000	42.460
50	Vent	Acetone	0.016	0.839
		ABA	0.029	0.001
51	Vent	Acetone	0.005	1.122
		ABA	0.009	0.007
52	Vent	Acetone	0.005	1.122
		ABA	0.009	0.007
54 **	Pouring Vent	TDI	0.017	0.011
		Acetone	0.011	0.005
		ABA	80.000	6.454
57	Vent	Acetone	0.027	2.277
		ABA	0.050	0.074
60	Vent	Acetone	0.005	1.122
		ABA	0.009	0.007

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
61	Blade Vent	Acetone	0.002	0.001
		ABA	0.004	0.001
62	Blade Vent	Acetone	0.002	0.001
		ABA	0.004	0.001
64	Vent	Acetone	0.027	2.277
		ABA	0.050	0.074
65	First Blower	Acetone	0.001	0.001
		ABA	0.005	0.001
		CH ₂ O	0.001	0.001
66	Second Blower	Acetone	0.003	0.006
		ABA	0.005	0.010
		CH ₂ O	0.001	0.001
67	Third Blower	Acetone	0.003	0.006
		ABA	0.005	0.010
		CH ₂ O	0.001	0.001
68	Oven Hood	VOC	0.005	0.010
		PM/PM ₁₀	0.003	0.006
		SO ₂	0.001	0.001
		NO _x	0.06	0.12
		CO	0.012	0.024
		CH ₂ O	0.001	0.001
69	Oven Hood	VOC	0.020	0.039
		PM/PM ₁₀	0.012	0.024
		SO ₂	0.002	0.003
		NO _x	0.24	0.48
		CO	0.048	0.096

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		CH ₂ O	0.001	0.001
71	Oven Hood	VOC	0.020	0.039
		PM/PM ₁₀	0.012	0.024
		SO ₂	0.001	0.003
		NO _x	0.24	0.48
		CO	0.048	0.096
		CH ₂ O	0.001	0.001
72	Oven Hood	VOC	0.005	0.010
		PM/PM ₁₀	0.003	0.006
		SO ₂	0.001	0.001
		NO _x	0.06	0.12
		CO	0.012	0.024
		CH ₂ O	0.001	0.001
73	Forth Blower	Acetone	0.003	0.006
		ABA	0.005	0.010
		CH ₂ O	0.001	0.001
74	Vent	Acetone	0.027	2.277
		ABA	0.050	0.074
77	Bin Vent	PM/PM ₁₀	0.045	0.025
78	Bin Vent	PM/PM ₁₀	0.045	0.025
79	Bin Vent	PM/PM ₁₀	0.045	0.025
80	Bin Vent	PM/PM ₁₀	0.045	0.025
81	Bin Vent	PM/PM ₁₀	0.045	0.025
82	Bin Vent	PM/PM ₁₀	0.045	0.025

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
83	Bin Vent	PM/PM ₁₀	0.045	0.025
84	Bin Vent	PM/PM ₁₀	0.045	0.025
85	Cyclone	PM/PM ₁₀	0.09	0.20
87	Bin Vent	PM/PM ₁₀	0.045	0.09
88	Bin Vent	PM/PM ₁₀	0.045	0.09
89	Cyclone	PM/PM ₁₀	0.09	0.18
90	Second Rebond Vent	TDI	0.180	0.317
		Acetone	0.319	0.632
		ABA	1.186	0.372
91	First Rebond Vent	TDI	0.018	0.070
		Acetone	0.078	0.151
		ABA	0.166	0.332
92	Bonded Tanks	TDI	0.015	0.005
		PTDI	0.001	0.001
101 **	Slabroom Stack 1	ABA	278.00	76.017
		Acetone	0.643	1.465
		TDI	0.005	0.008
102 **	Slabroom Stack 2	ABA	278.00	76.017
		Acetone	0.643	1.465
		TDI	0.005	0.008
W5.1	Baumer Fan	Acetone	0.007	1.973
		ABA	0.054	0.080

W5.2	Baumer Fan	Acetone	0.007	1.973
		ABA	0.054	0.080
2203	Oven Vent	PM/PM10	0.012	0.024
		SO ₂	0.002	0.003
		Nox	0.24	0.48
		CO	0.020	0.039

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- (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
 - NO_x - 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) by August 31, 1996 in accordance with Special Provision No. 5.

Dated_____