

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9597

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		
Y-C-1	Furnace			VOC	0.07	0.24
				PM	0.22	0.79
				NO <sub>x</sub>	0.41	1.49
				CO	0.07	0.24
Y-D-1	Flare			VOC	1.64	3.74
				PM	11.30	19.95
				Inorganic Acid	0.08	0.30
				NO <sub>x</sub>	3.08	0.92
				CO	15.70	4.63
Y-D-2	Flare			VOC	0.025	<0.001
				PM	22.30	3.68
				NO <sub>x</sub>	0.33	1.04
				CO	1.69	5.29
Y-E-1	Seal Pot			VOC	0.006	0.006
Y-E-2	Oil Scrubber			VOC	0.03	0.01
				PM	3.63	1.41
Y-E-4	Baghouse			PM	0.07	0.25
Y-E-5	Baghouse			PM	0.09	0.33
Y-E-6	Baghouse			PM	0.34	1.31
Y-E-7	Vacuum Pump Discharge			VOC	0.038	0.048
Y-E-8	Dust Filter			PM	<0.001	<0.005

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
Y-E-9	Dust Filter		PM	<0.001 <0.005
Y-E-10	Dust Filter		PM	<0.001 <0.005
Y-E-11	Dust Filter		PM	<0.001 <0.005
Y-E-12	Dust Filter		PM	<0.001 <0.005
Y-E-13	Dust Filter		PM	0.18 <0.05
Y-E-14	Vent		PM	3.39 0.12
Y-E-15	Vacuum Pump Discharge		VOC	<0.002 <0.008
Y-E-16	Vent		PM	<0.001 0.002
Y-E-17	Vacuum Pump Discharge		VOC	<0.008 <0.006
Y-E-18	Vent		PM	0.26 0.81
Y-E-19	Vent		PM	<0.001 0.002
Y-E-20	Dust Filter		PM	<0.001 <0.005
Y-E-21	Dust Filter		PM	<0.001 <0.005
Y-E-22	Dust Filter		PM	<0.001 <0.005
Y-E-23	Vent		PM	0.008 0.015
Y-E-24	Vent		PM	0.008 0.015
Y-E-25	Vent 0.023		VOC	0.015
Y-E-26	Vent		VOC	0.003 <0.001

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
Y-E-27	Vent	VOC	0.002	<0.001
Y-GZ-1	Fugitives (4)	VOC		13.81
		PM		1.27
		Inorganic Acid		0.03
		MeCl <sub>2</sub>		0.27

- (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  
H<sub>2</sub> - Hydrogen  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
MeCl<sub>2</sub> - Methyl Chloride  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day\_\_\_Days/week\_\_\_Weeks/year\_\_\_or Hrs/year 8,760

Dated \_\_\_\_\_