

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5900

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>
Stack-1	Main Stack	VOC	1.0	14.20
		PM ₁₀	1.44	5.20
		NO _x	10.98	37.60
		SO ₂	0.28	0.18
		CO	2.57	8.90
		NH ₃	0.31	1.30
		Formaldehyde	7.87	33.80
Fan 1-5	Roof Fans	VOC	<0.01	<0.10
		NH ₃	<0.01	<0.10
		Formaldehyde	<0.01	<0.10
Fan 6-14	Roof Fans	VOC	<0.01	<0.10
		NH ₃	<0.01	<0.10
		Formaldehyde	<0.01	<0.10
FBEXH-1	Formbox Exhaust (Line 1)	PM	0.37	1.60
Former-1A	Mat Former Exhaust (Line 1)	PM	0.08	0.40
Former-1B	Mat Former Exhaust (Line 1)	PM	0.08	0.40
Former-1C	Mat Former Exhaust (Line 1)	PM	0.08	0.40
LOVAC-1	Low Vacuum (Line 1)	VOC	<0.01	<0.10
		NH ₃	<0.01	<0.10
		Formaldehyde	<0.01	<0.10

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY
HIVAC-1	High Vacuum (Line 1)	VOC	<0.01	<0.10
		NH ₃	<0.01	<0.10
		Formaldehyde	<0.01	<0.10
VACEXH-1	Vacuum Exhaust (Line 2)	VOC	<0.01	<0.10
		NH ₃	<0.01	<0.10
		Formaldehyde	<0.01	<0.10
		PM 1.66	7.10	
BLOWER-1	Line 2 Former/Saturator <0.10 Blower Exhaust Stack <0.10	VOC		<0.01
		NH ₃		<0.01
		Formaldehyde	<0.01	<0.10
Boiler-1	Steam Boiler (St. Ex. 7, 1994)			
Boiler-2	Steam Boiler (St. Ex. 7, 1996)			
Tank-1,2,3,4	Line 1 Storage Tanks (St. Ex. 51, 1994)			
Tank-6	Line 2 Storage Tank (St. Ex. 51, 1996)			

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - particulate matter less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

NO_x - total oxides of nitrogen
 SO_2 - sulfur dioxide
 CO - carbon monoxide
 NH_3 - ammonia

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* 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 and Hrs/year 8,552

Dated _____