

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20419

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>	
			lb/hr	TPY
DC-1	Dust Collector	PM/PM ₁₀	0.4	1.8
DC-2	Dust Collector	PM/PM ₁₀	0.1	0.4
DC-3	Dust Collector	PM/PM ₁₀	0.4	1.8
DC-5	Dust Collector	PM/PM ₁₀	0.1	0.4
DC-6	Dust Collector	PM/PM ₁₀	0.1	0.4
DC-7	Dust Collector	PM/PM ₁₀	0.1	0.4
DC-8	Dust Collector	PM/PM ₁₀	0.02	0.09
DC-9	Dust Collector	PM/PM ₁₀	0.3	1.3
DC-10	Dust Collector	PM/PM ₁₀	0.1	0.4
4-1	Lab Vent	Styrene	<0.01	<0.01
4-2	Lab Vent	Styrene	<0.01	<0.01
11-1	Tank Room Vent No. 1	Styrene	0.05	0.22
		MMA	<0.01	0.01
		Formaldehyde	<0.01	0.02
		Phenol	<0.01	0.10
11-2	Tank Room Vent No. 2	Styrene	0.05	0.22
		MMA	<0.01	0.01
		Formaldehyde	<0.01	0.02
		Phenol	<0.01	0.10

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

CONTAMINANTS DATA			AIR	
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
13-1 through 13-6	Production Stacks Formaldehyde	Styrene	17.40	58.80
		1.02	0.96	
		Phenol	10.02	4.80
		MMA	6.18	6.00
		VOC	<0.06	0.10
		Acetone	1.88	1.88
		MeCl	0.14	0.60
10-1	Oven No. 1 and No. 2 Stack	POC	0.08	0.24
		Styrene	1.50	2.20
		VOC	<0.01	<0.01
5-1	Oven No. 3 and No. 4 Stack	POC	0.09	0.28
5-2 through 5-7	Roof Vents	PM/PM ₁₀	0.54	1.62
O-5	Oven No. 5 Stack	POC	0.05	0.11
		Styrene	0.30	0.50
O-6	Oven No. 6 Stack	POC	0.05	0.11
		Styrene	0.80	1.20

- (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) POC - products of combustion: CO, NO_x, SO₂, PM₁₀, and VOC
 PM - total particulate matter including PM₁₀
 PM₁₀ - particulate matter 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.
 VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 NO_x - nitrogen oxides
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 MMA - methyl methacrylate
 MeCl - methylene chloride

* 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

Dated _____