

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)	Emission Rates	
			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

Pheno1 <0.01 0.10

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CONTAMINANTS DATA			AIR	
Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>	
13-1 through 13-6	Production Stacks	Styrene	16.08	55.19
		Formaldehyde	1.02	0.96
		Pheno1	10.02	4.80
		MMA	5.10	5.26
		VOC	<0.06	0.10
		Acetone	1.88	1.88
		MeCl	0.14	0.60
10-1	Oven No. 1 and No. 2 Stack 0.24	POC		0.08
		Styrene	1.50	2.20
		VOC	<0.01	<0.01
5-1	Ovens No. 3 & 4 and Pultrusion 0.28	POC		0.09
		Machine No. 4	1.32	3.61
		MMA	1.08	0.74
5-2 through 5-7	Roof Vents	PM/PM ₁₀	0.54	1.62
0-5	Oven No. 5 Stack	POC	0.05	0.11
		Styrene	0.30	0.50
0-6	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

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 _____