

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29136

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 Rates *	Source	Air Contaminant	Emission	
			lb/hr	TPY
Point No. (1)	Name (2)	Name (3)		
1	Scrubber - Stack	PM ₁₀ (4)	0.25	1.11
		Lead	0.02	0.07
		Tin	<0.01	0.01
		CO	0.71	3.11
		NO _x	0.14	0.61
		SO ₂	0.01	0.05
		VOC	1.51	6.61
		HCl	<0.01	<0.01
		HNO ₃	<0.01	<0.01
		H ₃ PO ₄	0.03	0.13
		H ₂ SO ₄	0.06	0.24
		Oleic Acid	0.07	0.31
		Palmitic Acid	1.32	5.76
		Stearic Acid	0.18	0.79
2	Scrubber - Stack	H ₂ S	<0.01	<0.01
		HCl	<0.01	<0.01
		HNO ₃	<0.01	<0.01
		VOC	0.52	2.26
		Tin	<0.01	0.02
		Lead	<0.01	0.02
		PM ₁₀ (4)	0.33	1.42
3	Scrubber - Stack	PM ₁₀ (4)	0.52	2.28
		Lead	0.04	0.18
		Tin	<0.01	0.04
		CO	1.42	6.22
		NO _x	0.28	1.22

SO₂

0.02

0.10

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AIR CONTAMINANTS DATA

Emission Rates *	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
3 (continued)	Scrubber - Stack	VOC	3.02	13.21
		H ₂ S	<0.01	<0.01
		HCl	<0.01	<0.01
		HNO ₃	<0.01	<0.01
		H ₃ PO ₄	0.06	0.26
		H ₂ SO ₄	0.11	0.48
		Oleic Acid	0.14	0.61
		Palmitic Acid	2.63	11.53
		Stearic Acid	0.36	1.59

(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) PM₁₀ - particulate matter less than 10 microns

CO - carbon monoxide

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

HCl - hydrogen chloride

HNO₃ - nitric acid

H₃PO₄ - phosphoric acid

H₂SO₄ - sulfuric acid

H₂S - hydrogen sulfide

(4) PM₁₀ includes the following contaminants: lead, tin, melamine resin, modified alkyl resin, phenolic resin, and particulate included as a product of combustion from the gas-fired ovens.

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

24 Hrs/day 7 Days/week 52 Weeks/year

Building A: 1,000 batteries/day

Building B: 2,000 batteries/day

Dated_____