

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5709

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
5	Spray Booth	VOC	0.82	0.8
6	Sand Blasting Baghouse	TSP	0.02	0.2
		PM ₁₀	0.02	0.2
10	Blending Baghouse	TSP	0.02	<0.1
		PM ₁₀	0.02	<0.1
11	Sintering Oven	TSP	0.01	†
		PM ₁₀	0.01	†
		NO _x	0.09	†
		CO	0.02	†
		VOC	<0.01	†
		SO ₂	<0.01	†
12	Sintering Oven	TSP	0.01	†
		PM ₁₀	0.01	†
		NO _x	0.09	†
		CO	0.02	†
		VOC	<0.01	†
		SO ₂	<0.01	†
13	Battery Formation Scrubber <0.1		KOH	0.02
23	Atmospheric Gas Generator 0.1		TSP	0.02
		PM ₁₀	0.02	0.1
		NO _x	0.20	0.6
		CO	0.04	0.1
		VOC	0.01	<0.1

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		SO ₂	<0.01	<0.1
24	Sintering Oven	TSP	0.01	†
		PM ₁₀	0.01	†
		NO _x	0.09	†
		CO	0.02	†
		VOC	<0.01	†
		SO ₂	<0.01	†
25	Acid Scrubbers	HNO ₃	<0.01	<0.1
26	Caustic Scrubbers	NaOH	<0.01	<0.1
27	Potting Hoods	Phenol	0.02	<0.1
28	HEPA Exhaust	Cd	0.00003	<0.1

(1) Emission point identification.

(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

TSP - total suspended particulate, including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 KOH - potassium chloride
 HNO₃ - nitric acid
 NaOH - sodium hydroxide
 Cd - cadmium

(4) Fugitive emissions are an estimate only.

† Emissions from the combustion of the gases generated from the

Atmospheric Gas Generator (Emission Point No. [EPN] 23) will be emitted from up to four emission points (EPNs 11, 12, 23, and 24). Hourly rates are given at the individual points, but the annual emissions are listed as emissions from EPN 23.

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* Emission rates are based on the following parameters:

24 Hrs/day 5 Days/week 50 Weeks/year or 6,000 Hrs/year

Dated_____