

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Permit No. 22715

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>
101	Plasma Booth 1 Stack	HEPA	PM ₁₀ (4)	<0.01
			Cr	0.012
			4.72E-07	2.07E-06
		Co	7.09E-07	3.10E-06
		Ni	7.48E-07	3.28E-06
102	Plasma Booth 2 Stack	P	7.87E-08	3.45E-07
		HEPA	PM ₁₀ (4)	<0.01
			Cr	0.012
			4.72E-07	2.07E-06
		Co	7.09E-07	3.10E-06
103	Plasma Booth 3 Stack	Ni	7.48E-07	3.28E-06
		P	7.87E-08	3.45E-07
		HEPA	PM ₁₀ (4)	<0.01
			Cr	0.012
			4.72E-07	2.07E-06
104	Plasma Booth 4 Stack	Co	7.09E-07	3.10E-06
		Ni	7.48E-07	3.28E-06
		HEPA	PM ₁₀ (4)	<0.01
			Cr	0.012
			4.72E-07	2.07E-06

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		P	7.87E-08	3.45E-07	
105	Plasma Booth 5 HEPA	PM ₁₀ (4)		<0.01	0.012
	Stack	Cr		4.72E-07	2.07E-06
		Co	7.09E-07	3.10E-06	
		Ni	7.48E-07	3.28E-06	
		P	7.87E-08	3.45E-07	

(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 (PM) equal to or 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.

Cr - total chromium

Co - cobalt

Ni - nickel

P - phosphorous

(4) PM₁₀ is the total of all PM from this emission point including the speciated HAPs.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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Dated_____