

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20842

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*
EPN 1	Atmospheric Plasma Spray (APS) Unit 3 Cartridge Filter Exhaust Stack	PM/PM <sub>10</sub>	7.94E-05	3.50E-04
		Chromium (4)	2.65E-05	1.16E-04
		Chromium Carbide (4)	4.23E-05	1.85E-04
		Cobalt (4)	2.96E-05	1.30E-04
		Nickel (4)	5.05E-05	2.21E-04
		HAPs	1.49E-04	6.54E-04
EPN 2	APS Units 1 and 2 Cartridge Filter Exhaust Stack	PM/PM <sub>10</sub>	1.59E-04	7.00E-04
		Chromium (4)	5.30E-05	2.32E-04
		Chromium Carbide (4)	8.46E-05	3.71E-04
		Cobalt (4)	5.92E-05	2.59E-04
		Nickel (4)	1.01E-04	4.42E-04
		HAPs	2.99E-04	1.31E-03
EPN 9	Fluoride Ion Cleaning (FIC) Unit Acid Scrubber Stack	Hydrogen Fluoride (4)	1.50E-04	5.50E-04
		Total HAPs	5.98E-04	2.51E-03

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names.

(3) PM/PM<sub>10</sub> - particulate matter, suspended in the atmosphere, consisting of PM equal to or less than 10 microns in diameter

HAP - Hazardous Air Pollutant

(4) Constituent is included in HAP total

\* Refer to Special Conditions for throughput limitations and basis of emission rates.

Dated April 10 2009