

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 24680

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	HVOF, Plasma, and Wire Spray HEPA Filter Stack	PMAP	1.44E-5	5.94E-6
		NO <sub>x</sub>	0.03	<0.01
		SO <sub>x</sub>	0.07	<0.01
		CO	3.53	0.30
		VOC	0.07	<0.01
EPN 2	Tribomet, North and South Etching, Turco Etching Scrubber Stack (4)	Cobalt	2.5E-07	5.8E-7
		Chromium	4.5E-08	1.1E-07
		Nickel	4.8E-08	5.5E-08
EPN 3	Stator Cleaning Scrubber Stack	HCl	<0.001	<0.001

(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) PMAP - plasma metal alloy powder, includes HVOF powders and metals from spraying wire and plasma powder, specific metals listed in the confidential file.

NO<sub>x</sub> - nitrogen oxides

SO<sub>x</sub> - sulfur oxides

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC)

§ 101.1

HCl - hydrogen chloride

(4) Etching process emissions from this source are covered under 30 TAC § 106.375.

\* Compliance with annual emission limits is based on a rolling 12-month period.

\*\* 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

Dated January 19, 2005