

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78220

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**
01	Colmonoy Cartridge Filter Stack [Colmonoy Combustion Thermal Cartridge Flame Spray (LVOF), and Turning Equipment]	PM/PM <sub>10</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.03	0.04
		SO <sub>2</sub>	<0.01	<0.01
		CO	<0.01	<0.01
		TOC	<0.01	<0.01
02	Cartridge Filter Stack [HVOF and Turning Equipment]	PM/PM <sub>10</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.13	0.33
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.02	0.06
		TOC	<0.01	<0.01
03	HVOF-K Cartridge Filter Stack [Turning Equipment]	PM/PM <sub>10</sub>	0.01	0.02
		NO <sub>x</sub>	0.14	0.17
		SO <sub>2</sub>	0.50	0.62
		CO	0.03	0.04
		TOC	<0.01	<0.01
04	Cartridge Filter Stack [Abrasive Blasting]	PM/PM <sub>10</sub>	0.69	1.70
05	Cartridge Filter Stack [Abrasive Blasting]	PM/PM <sub>10</sub>	0.73	1.80
08	Machining Shop [Welding, Wet Grinding, Electric Heat Treatment Ovens, and Machining Equipment]	PM/PM <sub>10</sub>	<0.01	<0.01

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
TOC - total organic compounds includes VOCs, semi-VOCs, and condensable organic compounds.  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.

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

Dated October 19, 2006