

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 595

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**
5A	Ferro-selenium Fusion	PM/PM <sub>10</sub>	0.01	0.05
5B	Selenium Screening	PM/PM <sub>10</sub>	0.01	0.05
5C	Tellurium Product Dust	PM/PM <sub>10</sub>	0.01	0.05
5D	Selenium Shotting and (5) Fusion Fuming	PM/PM <sub>10</sub>	0.33	0.22
		SO <sub>2</sub>	0.62	0.34
5F	Tellurium Scrubber	PM/PM <sub>10</sub>	0.01	0.05
5G	Selenium Scrubber	PM/PM <sub>10</sub>	0.01	0.05
		SO <sub>2</sub>	0.01	0.05
5H	Packaging Baghouse	PM/PM <sub>10</sub>	0.01	0.05
5I	Omaha Scrubber	PM/PM <sub>10</sub>	0.01	0.05
F5	Fugitives (4 and 5) General Ventilation Roof Vents, Louvers, and Doors	PM <sub>10</sub>	0.63	0.28
		SO <sub>2</sub>	<0.01	<0.01
5K	Bismuth Selenide Furnace Burners	NO <sub>x</sub>	0.15	0.16
		CO	0.13	0.14
		VOC	<0.01	<0.01
		PM/PM <sub>10</sub>	0.01	0.01
		SO <sub>2</sub>	0.02	<0.03

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- (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) PM - total suspended particulate matter (including PM<sub>10</sub>)  
PM<sub>10</sub> - PM 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> - nitrogen oxides  
SO<sub>2</sub> - sulfur oxides  
CO - carbon monoxide  
VOC - volatile organic compounds  
SO<sub>2</sub> - sulfur dioxide
  - (4) Fugitive emissions are an estimate only.
  - (5) Speciated compounds are identified and quantified in the permit application representations.
- \* Refer to the special conditions for throughput limitations and basis of emission rates.

Dated February 23, 2007