

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4558E

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
1	Main Stack			Sb	0.08	0.33
				PM <sub>10</sub>	0.16	0.66
				NO <sub>x</sub>	1.51	6.60
				CO	0.30	1.30
				VOC	0.09	0.39
				SO <sub>2</sub>	0.01	0.04
2	Hoodbag 1 Vent			Sb	<0.01	0.01
3	Hoodbag 2 Vent			Sb	<0.01	0.01
4	Debagging Vent			Sb	<0.01	<0.01
5	Vacuum System Vent			Sb	<0.01	<0.01
				Sb	0.63	2.80
				As	<0.01	0.01
	Fugitives (4)			Pb	<0.01	0.01

- (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<sub>10</sub> - particulate matter less than 10 microns in diameter (including antimony oxide)  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
Sb - Antimony (consisting entirely of PM<sub>10</sub>, as antimony oxide)  
As - Arsenic  
Pb - Lead
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* Emissions are based on and the facilities are limited to an hourly production of 3.5 tons and 21,600 tons annually of Antimony Oxide.

Dated \_\_\_\_\_