# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

# Permit No. 578

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	Source	Air Contaminant	<u>Emissior</u>	n Rates *
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
Stack 1	Melt Kettle 2a and b, Lead Oxid Reactors 4a, 4b, and 4c Flue Vent	e $PM_{10}$ VOC $NO_x$ $SO_2$ CO	0.01 <0.01 0.36 <0.01 0.29	0.05 <0.01 0.42 <0.01 0.34
Stack 2	Process Baghouse 7a with HEF Filter System	PA PbO	0.0017	0.0077
Stack 3	Transfer Baghouse 14 with HEF Filter System	PA PbO	0.0005	0.0022
Stack 4	Drum Filling Baghouse 19 with HEPA Filter System (Future Mill System Bin Vent)	PbO	0.0016	0.0071
Stack 5	Process Baghouse 7b with HEF Filter System	PA PbO	0.0017	0.0077
Stack 7	Process Baghouse 7c with HEP Filter System	PA PbO	0.0017	0.0077
Stack 8	Central Vacuum System Baghouse with HEPA System	PbO	0.0005	0.0022
Stack 9	Material Return Bin Vent with HEPA Filter System	PbO	0.0010	0.0046
Stack 10	Mill System Bin Vent with HEPA Filter System	PbO	0.0010	0.0046

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Emission	Source	Air Contaminant	Emissior	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY	
Stack 11	Bulk Storage Bin Vent with HEPA Filter System	PbO	0.0010	0.0046	
Stack 12	Melt Kettle 2c, Lead Oxide Reactors 4d and 4e Flue Vent	$\begin{array}{c} PM_{10} \\ VOC \\ NO_{x} \\ SO_{2} \\ CO \end{array}$	<0.01 <0.01 0.18 <0.01 0.22	0.01 <0.01 0.28 <0.01 0.33	
Stack 13	Process Baghouse 7d with HEPA Filter System	PbO	0.0017	0.0077	
Stack 14	Process Baghouse 7e with HEPA Filter System	PbO	0.0017	0.0077	
Stack 15	Bulk Storage Bin Vent with HEPA Filter System	PbO	0.0010	0.0046	
Stack 16	Raw Material Storage Bin Vent with HEPA Filter System	PbO	0.0010	0.0046	

- (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 particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.
- $\text{PM}_{\text{10}}~$  particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall

be assumed that no particulate matter greater than 10 microns is emitted.

- VOC volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
- NO<sub>x</sub> total oxides of nitrogen
- SO<sub>2</sub> sulfur dioxide
- CO carbon monoxide
- PbO lead oxide
- \* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

Dated\_\_\_\_