

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3922

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
1	Silo Baghouse Vent	PM/PM <sub>10</sub>	0.05	0.22
2	Silo Baghouse Vent	PM/PM <sub>10</sub>	0.05	0.22
5	Cutoff Saw Filter Stack	PM/PM <sub>10</sub>	0.25	0.28
39	Baghouse Stack - Electric Induction Furnace	PM	0.48	0.54
		PM <sub>10</sub>	0.48	0.54
		Pb	0.0024	0.0027
44	Sand Reclaimer Dust Collector Stack	PM/PM <sub>10</sub>	0.006	0.02
		SO <sub>2</sub>	0.002	<0.01
		NO <sub>x</sub>	0.30	0.04
		CO	0.063	0.07
		VOC	0.017	0.02
BLDGFUG (Doors, Windows, Roof and Wall Fans and Vents)	Building Fugitives (4) (Old EIF Melt and Pour, New EIF Melt and Pour, Air Set D.C., Fume Scrubber, and Mold Prep Process)	PM/PM <sub>10</sub>	1.15	1.30
		NO <sub>x</sub>	0.01	0.02
		SO <sub>x</sub>	0.02	0.03
		VOC	3.14	2.37
		Pb	<0.003	<0.003

(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.

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- (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> - nitrogen oxides  
SO<sub>2</sub> - sulfur oxides  
CO - carbon monoxide  
VOC - volatile organic compounds  
Pb - lead
- (4) Fugitive emissions are an estimate only.

Dated August 31, 2006