

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 ₁₀	0.05	0.22
2	Silo Baghouse Vent	PM ₁₀	0.05	0.22
5	Cutoff Saw Filter Stack (5) 0.28		PM	0.25
22	Electric Induction Furnace (4)	PM PM ₁₀	1.12 1.12	1.55 1.55
24	Electric Induction Furnace (4)	PM PM ₁₀	1.12 1.12	1.55 1.55
39	Baghouse Stack - Electric Induction Furnace	PM PM ₁₀ Pb	0.48 0.48 0.0024	0.54 0.54 0.0027
44	Sand Reclaimer Dust Collector Stack	PM ₁₀ SO ₂ NO _x CO VOC	0.006 0.002 0.30 0.063 0.017	0.02 0.002 0.04 0.071 0.02
FUG 1	Building Fugitives (4)	PM ₁₀	0.20	0.23

(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 PM₁₀)
PM₁₀ - 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_x - nitrogen oxides
SO₂ - sulfur oxides
CO - carbon monoxide
VOC - volatile organic compounds
Pb - lead

Permit No. 3922

Page 2

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(4) Fugitive emissions are an estimate only.

(5) Operates per exemption

Emission rates are based on and the facilities are limited by the following operating schedule:

9 Hours/Day 5 Days/Week 50 Weeks/Year and 2,250 Hours/Year (except

sand handling/reclaim emissions are based on 8,760 hours per year operation.)

Dated_____