

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2573

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>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
4-06	Furnace No. 1 ESP Unit 1.28	PM ₁₀ (4)		0.29
		SO ₂	0.06	0.26
		NO _x	9.1	39.9
		CO	0.81	3.55
		PM (5)	0.15	0.66
		VOC	0.07	0.31
4-07	Wet Fritting Baghouse	PM ₁₀ (4)	0.42	1.84
		SO ₂	0.04	0.18
		NO _x	1.29	5.67
		CO	0.48	2.10
		PM (5)	0.19	0.84
		VOC	0.04	0.18
4-08	CCE Mill Baghouses	PM ₁₀ (4)	0.08	0.35
4-20A	Bead Wash Dryer	PM ₁₀ (4)	0.10	0.44
	Baghouse (6)	ISA	0.70	3.03
		Acetone	0.13	0.55
		Chloroacetone	0.37	1.63
4-20B	Bead Wash Dryer (6)	SO ₂	0.03	0.12
		NO _x	0.92	4.03
		CO	0.34	1.48
		PM (5)	0.14	0.60
		VOC	0.03	0.12

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
4-2324	Furnace No. 2 ESP Unit 6.27	PM ₁₀ (4)	1.43	
		SO ₂	0.06	0.26
		NO _x	9.1	39.9
		CO	0.81	3.55
		PM (5)	0.15	0.66
		VOC	0.07	0.31
15-7	Furnace No. 2 Dust Pick Up 0.44	PM ₁₀ (4)	0.10	

- (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) PM₁₀ - particulate matter less than 10 microns
- SO₂ - sulfur dioxide
- NO_x - nitrogen oxides
- CO - carbon monoxide
- PM - particulate matter
- VOC - volatile organic compounds as defined in General Rule 101.1
- ISA - isopropyl alcohol
- (4) Particulate matter emissions from the process.
- (5) Particulate matter emissions from combustion.
- (6) Emissions from the bead wash line apply to either the existing line or new line, whichever is in operation.

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

Permit No. 2573
Page 2

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission * <u> </u>	Source	Air Contaminant	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated