

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3068A

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
KN2ASBDCSK	Kiln 2A Surge Bin	PM/PM ₁₀	0.09	0.38
KN2BSBDCSK	Kiln 2B Surge Bin	PM/PM ₁₀	0.09	0.38
KN3ASBDCSK	Kiln 3A Surge Bin	PM/PM ₁₀	0.09	0.38
KN3BSBDCSK	Kiln 3B Surge Bin	PM/PM ₁₀	0.09	0.38
KN4ASBDCSK	Kiln 4A Surge Bin	PM/PM ₁₀	0.09	0.38
KN4BSBDCSK	Kiln 4B Surge Bin	PM/PM ₁₀	0.09	0.38
KN5ASBDCSK	Kiln 5A Surge Bin	PM/PM ₁₀	0.09	0.38
KN5BSBDCSK	Kiln 5B Surge Bin	PM/PM ₁₀	0.09	0.38
AREABDCVNT	Stoners/Screeners and Conveyors 1.28		PM/PM ₁₀	0.29
STNRSFGTV	Stoners/Screeners and Conveyors		PM/PM ₁₀ 0.50	0.11
AREABVACVT	Area B Vacuum	PM/PM ₁₀	0.09	0.38
AREABRWRK	Area B Rework Station	PM PM ₁₀ 0.36	0.40 0.09	0.10
AREABPACK	Area B Packer	PM PM ₁₀ 0.36	0.40 0.09	0.10
HEAVIES	"Heavies" (Waste LFP) Loading	PM PM ₁₀	0.40 0.36	0.10 0.09

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			lb/hr	TPY
WAPLTSCBSK	Wash Plant	PM/PM ₁₀	0.27	0.78
		HCl 0.01	0.04	
		NaOH 0.03	0.07	
		H ₂ S 0.04	0.11	
4DRYDCSTK	4 Dryer	PM/PM ₁₀	0.38	1.68
4SCNSBDCSK	4 Screens Surge Bin	PM/PM ₁₀	0.09	0.38
4SCRNSDCSK	4 Screens and Packer	PM/PM ₁₀	0.25	1.11
4SCRNSFGTV	4 Screens and Packer	PM/PM ₁₀	0.17	0.75
AREACDCSTK	Area C Vacuum	PM/PM ₁₀	0.09	0.17
RWKSTADCSK	Area C Rework Station	PM/PM ₁₀	0.23	0.46
4AFDBNDCSK	4A Mill Feed Bin	PM/PM ₁₀	0.15	0.64
4BFDBNDCSK	4B Mill Feed Bin	PM/PM ₁₀	0.15	0.64
4MILLDCSTK	4 Mill	PM/PM ₁₀	0.87	3.83
5AFDBNDCSK	5A Mill Feed Bin	PM/PM ₁₀	0.15	0.64
5BFDBNDCSK	5B Mill Feed Bin	PM/PM ₁₀	0.15	0.64
5MILLDCSTK	5 Mill	PM/PM ₁₀	0.87	3.83
3BKBNDCSK	No. 3 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
4BKBNDCSK	No. 4 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
5BKBNDCSK	No. 5 Product Bulk Bin	PM/PM ₁₀	0.10	0.45

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			lb/hr	TPY
6BKBNDCSK	No. 6 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
7BKBNDCSK	No. 7 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
8BKBNDCSK	No. 8 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
9BKBNDCSK	No. 9 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
10BKBNDCSK	No. 10 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
11BKBNDCSK	No. 11 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
12BKBNDCSK	No. 12 Product Bulk Bin	PM/PM ₁₀	0.10	0.45
1ASGBNDCSK	Packhouse Product Surge Bin 1A	PM/PM ₁₀	0.05	0.23
1BSGBNDCSK	Packhouse Product Surge Bin 1B	PM/PM ₁₀	0.05	0.23
2ASGBNDCSK	Packhouse Product Surge Bin 2A	PM/PM ₁₀	0.05	0.23
2BSGBNDCSK	Packhouse Product Surge Bin 2B	PM/PM ₁₀	0.05	0.23
HVRPKRDCSK	Haver Product Packer	PM/PM ₁₀	0.69	3.00
SPCFDBDCSK	"Special" Product Packer	PM/PM ₁₀	0.13	0.28
PCKVACDCSK	Packhouse Vacuum	PM/PM ₁₀	0.09	0.02
PCKVCDCK2	Packhouse Vacuum 2	PM/PM ₁₀	0.09	0.02

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not

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

listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

HCl - hydrogen chloride

NaOH - sodium hydroxide

H₂S - hydrogen sulfide

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

Hrs/day ___ Days/week ___ Weeks/year ___ or Hrs/year 8,760

Dated August 31, 2005