

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, sources, and related activities. 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 (4)	
			lbs/hour	TPY (5)
KN2ASBDCSK	Kiln 2A Surge Bin	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
KN2BSBDCSK	Kiln 2B Surge Bin	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
KN3ASBDCSK	Kiln 3A Surge Bin	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
KN3BSBDCSK	Kiln 3B Surge Bin	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
KN4ASBDCSK	Kiln 4A Surge Bin	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
KN4BSBDCSK	Kiln 4B Surge Bin	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
KN5ASBDCSK	Kiln 5A Surge Bin	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
KN5BSBDCSK	Kiln 5B Surge Bin	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08

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STNRSFGTV	Stoners/Screeners and Conveyors	PM	0.11	0.31
		PM ₁₀	0.11	0.31
		PM _{2.5}	0.11	0.31
AREABRWK	Area B Rework Station	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
AREABPACK	Area B Packer	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
HEAVIES	"Heavies" (Waste LFP) Loading	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
WAPLTSCBSK	Wash Plant	PM	0.26	0.74
		PM ₁₀	0.26	0.74
		PM _{2.5}	0.04	0.11
		HCl	0.01	0.04
		NaOH	0.03	0.07
		H ₂ S	0.04	0.11
4DRYDCSTK	4 Dryer	PM	0.08	0.33
		PM ₁₀	0.08	0.33
		PM _{2.5}	0.08	0.33
4SCNSBDCSK	4 Screens Surge Bin DC Stack	PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
4SCRNSDCSK	4 Screens and Packer DC Stack	PM	0.10	0.44
		PM ₁₀	0.10	0.44
		PM _{2.5}	0.10	0.44
RWKSTADCSK	Area C Rework Station	PM	0.05	0.09
		PM ₁₀	0.05	0.09

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		PM _{2.5}	<0.01	0.01
4AFDBNDCSK	4A Mill Feed Bin	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
4BFDBNDCSK	4B Mill Feed Bin	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
4MILLDCSTK	4 Mill	PM	0.15	0.66
		PM ₁₀	0.15	0.66
		PM _{2.5}	0.14	0.60
5AFDBNDCSK	5A Mill Feed Bin	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
5BFDBNDCSK	5B Mill Feed Bin	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
5MILLDCSTK	5 Mill	PM	0.15	0.66
		PM ₁₀	0.15	0.66
		PM _{2.5}	0.14	0.60
3BKBNDCSK	No. 3 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
4BKBNDCSK	No. 4 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
5BKBNDCSK	No. 5 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
6BKBNDCSK	No. 6 Product Bulk Bin	PM	0.01	0.05

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		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
7BKBNDCKSK	No. 7 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
8BKBNDCKSK	No. 8 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
9BKBNDCKSK	No. 9 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
10BKBNDCKSK	No. 10 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
11BKBNDCKSK	No. 11 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
12BKBNDCKSK	No. 12 Product Bulk Bin	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
1ASGBNDCKSK	Packhouse Product Surge Bin 1A	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
1BSGBNDCKSK	Packhouse Product Surge Bin 1B	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
2ASGBNDCKSK	Packhouse Product Surge Bin 2A	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04

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2BSGBNDCSK	Packhouse Product Surge Bin 2B	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.04
HVRPKRDCSK	Haver Product Packer	PM	0.17	0.75
		PM ₁₀	0.17	0.75
		PM _{2.5}	0.07	0.29
SPCFDBDCSK	"Special" Product Packer	PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	<0.01	0.01
AREABDCVNT	Stoners/Screeners and Conveyors	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.08	0.34
AREABASPDC	Stoners/Screeners and Conveyors	PM	0.03	0.11
		PM ₁₀	0.03	0.11
		PM _{2.5}	0.02	0.08
4DRMNFDSTN	#4 Dryer Manual Feed Station (6)	PM	0.19	0.08
		PM ₁₀	0.06	0.03
		PM _{2.5}	<0.01	<0.01
5MILLCLSPK	#5 Mill Classifier Packing (6)	PM	0.08	0.03
		PM ₁₀	0.03	0.01
		PM _{2.5}	<0.01	<0.01
4DRELVDCK	#4 Dryer Discharge Elevator Dust Collector Stack	PM	0.01	0.03
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03

- (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 particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
H₂S - hydrogen sulfide
HCl - hydrogen chloride (HAP)
NaOH - sodium hydroxide

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HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

- (4) The allowable emission rates include planned maintenance.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: January 16, 2019