

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	0.09	0.38
		PM ₁₀	0.09	0.38
		PM _{2.5}	0.09	0.38
KN2BSBDCSK	Kiln 2B Surge Bin	PM	0.09	0.38
		PM ₁₀	0.09	0.38
		PM _{2.5}	0.09	0.38
KN3ASBDCSK	Kiln 3A Surge Bin	PM	0.09	0.38
		PM ₁₀	0.09	0.38
		PM _{2.5}	0.09	0.38
KN3BSBDCSK	Kiln 3B Surge Bin	PM	0.09	0.38
		PM ₁₀	0.09	0.38
		PM _{2.5}	0.09	0.38
KN4ASBDCSK	Kiln 4A Surge Bin	PM	0.09	0.38
		PM ₁₀	0.09	0.38
		PM _{2.5}	0.09	0.38
KN4BSBDCSK	Kiln 4B Surge Bin	PM	0.09	0.38
		PM ₁₀	0.09	0.38
		PM _{2.5}	0.09	0.38
KN5ASBDCSK	Kiln 5A Surge Bin	PM	0.09	0.38
		PM ₁₀	0.09	0.38
		PM _{2.5}	0.09	0.38
KN5BSBDCSK	Kiln 5B Surge Bin	PM	0.09	0.38
		PM ₁₀	0.09	0.38

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		PM _{2.5}	0.09	0.38
STNRSFGTV	Stoners/Screeners and Conveyors	PM	0.11	0.5
		PM ₁₀	0.11	0.5
		PM _{2.5}	0.11	0.5
AREABRWRK	Area B Rework Station	PM	0.40	0.10
		PM ₁₀	0.36	0.09
		PM _{2.5}	0.10	0.03
AREABPACK	Area B Packer	PM	0.4	0.1
		PM ₁₀	0.36	0.09
		PM _{2.5}	0.10	0.03
HEAVIES	"Heavies" (Waste LFP) Loading	PM	0.4	0.1
		PM ₁₀	0.36	0.09
		PM _{2.5}	0.08	0.02
WAPLTSCBSK	Wash Plant	PM	0.27	0.78
		PM ₁₀	0.27	0.78
		PM _{2.5}	0.07	0.20
		HCl	0.01	0.04
		NaOH	0.03	0.07
		H ₂ S	0.04	0.11
4DRYDCSTK	4 Dryer	PM	0.38	1.68
		PM ₁₀	0.38	1.68
		PM _{2.5}	0.38	1.68
4SCNSBDCSK	4 Screens Surge Bin	PM	0.09	0.38
		PM ₁₀	0.09	0.38
		PM _{2.5}	0.09	0.38
4SCRNSDCSK	4 Screens and Packer	PM	0.25	1.11
		PM ₁₀	0.25	1.11
		PM _{2.5}	0.25	1.11
4SCRNSFGTV	4 Screens and	PM	0.17	0.75

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		PM ₁₀	0.17	0.75
		PM _{2.5}	0.17	0.75
RWKSTADCSK	Area C Rework Station	PM	0.23	0.46
		PM ₁₀	0.23	0.46
		PM _{2.5}	0.23	0.46
4AFDBNDCSK	4A Mill Feed Bin	PM	0.15	0.64
		PM ₁₀	0.15	0.64
		PM _{2.5}	0.15	0.64
4BFDBNDCSK	4B Mill Feed Bin	PM	0.15	0.64
		PM ₁₀	0.15	0.64
		PM _{2.5}	0.15	0.64
4MILLDCSTK	4 Mill	PM	0.87	3.83
		PM ₁₀	0.87	3.83
		PM _{2.5}	0.87	3.83
5AFDBNDCSK	5A Mill Feed Bin	PM	0.15	0.64
		PM ₁₀	0.15	0.64
		PM _{2.5}	0.15	0.64
5BFDBNDCSK	5B Mill Feed Bin	PM	0.15	0.64
		PM ₁₀	0.15	0.64
		PM _{2.5}	0.15	0.64
5MILLDCSTK	5 Mill	PM	0.87	3.83
		PM ₁₀	0.87	3.83
		PM _{2.5}	0.87	3.83
3BKBNDCSK	No. 3 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
4BKBNDCSK	No. 4 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45

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5BKBNDCSK	No. 5 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
6BKBNDCSK	No. 6 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
7BKBNDCSK	No. 7 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
8BKBNDCSK	No. 8 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
9BKBNDCSK	No. 9 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
10BKBNDCSK	No. 10 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
11BKBNDCSK	No. 11 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
12BKBNDCSK	No. 12 Product Bulk Bin	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
1ASGBNDCSK	Packhouse Product Surge Bin 1A	PM	0.05	0.23
		PM ₁₀	0.05	0.23
		PM _{2.5}	0.05	0.23
1BSGBNDCSK	Packhouse Product Surge Bin 1B	PM	0.05	0.23
		PM ₁₀	0.05	0.23

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		PM _{2.5}	0.05	0.23
2ASGBNDCSK	Packhouse Product Surge Bin 2A	PM	0.05	0.23
		PM ₁₀	0.05	0.23
		PM _{2.5}	0.05	0.23
2BSGBNDCSK	Packhouse Product Surge Bin 2B	PM	0.05	0.23
		PM ₁₀	0.05	0.23
		PM _{2.5}	0.05	0.23
HVRPKRDCSK	Haver Product Packer	PM	0.69	3.00
		PM ₁₀	0.69	3.00
		PM _{2.5}	0.69	3.00
SPCFDBDCSK	"Special" Product Packer	PM	0.13	0.28
		PM ₁₀	0.13	0.28
		PM _{2.5}	0.13	0.28
AREABDCVNT	Stoners/Screeners and Conveyors	PM	0.52	2.25
		PM ₁₀	0.52	2.25
		PM _{2.5}	0.52	2.25
AREABASPDC	Stoners/Screeners and Conveyors	PM	0.13	0.56
		PM ₁₀	0.13	0.56
		PM _{2.5}	0.13	0.56
STNRPK4B	Stoner Bin Emergency Packing 4B (6)	PM	0.090	0.040
		PM ₁₀	0.030	0.010
		PM _{2.5}	0.003	0.001
STNRPK2B3B	Stoner Bin Emergency Packing 2B3B (6)	PM	0.190	0.080
		PM ₁₀	0.060	0.030
		PM _{2.5}	0.006	0.003
4DREMERPK	#4 Dryer Emergency Packing (6)	PM	0.190	0.080
		PM ₁₀	0.060	0.030
		PM _{2.5}	0.006	0.003
4DRMNFDSTN	#4 Dryer Manual	PM	0.190	0.080

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		PM ₁₀	0.060	0.030
		PM _{2.5}	0.006	0.003
WAPLTBPSTN	Wash Plant Bypass #4 Dryer Feed Station (6)	PM	0.190	0.080
		PM ₁₀	0.060	0.030
		PM _{2.5}	0.006	0.003
5MILLCLSPK	#5 Mill Classifier Packing (6)	PM	0.080	0.030
		PM ₁₀	0.030	0.010
		PM _{2.5}	0.002	0.001
4DRELVDCK	#4 Dryer Discharge Elevator Dust Collector Stack	PM	0.040	0.190
		PM ₁₀	0.040	0.190
		PM _{2.5}	0.004	0.018

- (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
 - 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: September 16, 2015