

Emission Sources - Maximum Allowable Emission Rates

Permit Number 94565

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	
			lbs/hour	TPY (4)
Phase 1 Plant				
NMHS	North Material Handling Systems (5,6)	PM	0.66	2.54
		PM ₁₀	0.13	0.48
		PM _{2.5}	0.01	0.05
E-NSIZERF	North Crusher (5)	PM	1.50	6.57
		PM ₁₀	0.29	1.25
		PM _{2.5}	0.03	0.13
E-NSCREENV	North Screen - Dust Collector Stack	PM	0.75	3.29
		PM ₁₀	0.14	0.62
		PM _{2.5}	0.02	0.07
E-NRFPF	North Receiving Feeder Pile Fugitives (5)	PM	-.--	0.22
		PM ₁₀	-.--	0.04
		PM _{2.5}	-.--	< 0.01
E-NSAF	North Storage Area Fugitives (5)	PM	-.--	1.81
		PM ₁₀	-.--	0.34
		PM _{2.5}	-.--	0.04
E-NDSPF	North Dilution Stackout Pile Fugitives (5)	PM	-.--	0.22
		PM ₁₀	-.--	0.04
		PM _{2.5}	-.--	< 0.01

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Phase 2 Plant				
MHS	Material Handling Systems (5,7)	PM	2.31	6.75
		PM ₁₀	0.44	1.28
		PM _{2.5}	0.05	0.13
E-PSIZERF	Primary Crusher (5)	PM	4.00	13.14
		PM ₁₀	0.76	2.50
		PM _{2.5}	0.08	0.26
E-SSIZERF	Secondary Crusher (5)	PM	4.00	13.14
		PM ₁₀	0.76	2.50
		PM _{2.5}	0.08	0.26
E-SCREENV	Screen - Dust Collector Vent	PM	2.00	6.57
		PM ₁₀	0.38	1.25
		PM _{2.5}	0.04	0.13
E-C1	C1 Sampling System (5, 8)	PM	0.03	0.11
		PM ₁₀	< 0.01	0.02
		PM _{2.5}	< 0.01	< 0.01
E-C2	C2 Sampling System (5, 9)	PM	0.03	0.11
		PM ₁₀	< 0.01	0.02
		PM _{2.5}	< 0.01	< 0.01
E-LSPF	Loading Stackout Pile Fugitives (5)	PM	-.--	0.51
		PM ₁₀	-.--	0.10
		PM _{2.5}	-.--	0.01
E-ASAF	Auxiliary Storage Area Fugitives (5)	PM	-.--	8.67

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		PM ₁₀	-.--	1.65
		PM _{2.5}	-.--	0.17
E-SDPF	Screen Dilution Pile Fugitives (5)	PM	-.--	0.22
		PM ₁₀	-.--	0.04
		PM _{2.5}	-.--	< 0.01
Emergency Loading Operations				
E-ELF	Emergency Loading Fugitives (5)	PM	0.86	0.10
		PM ₁₀	0.16	0.02
		PM _{2.5}	0.02	< 0.01

- (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
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Includes emissions from loading operations at the following Emission Point Numbers (EPNS) E-NRFF, E-NC2F, E-NPS1F, E-NLFF, E-NLCF, E-NPS2F, E-NLOADF and E-NSHF.
- (7) Includes emissions from loading operations at the following EPNS: E-RHF, E-RHFF, E-C1F, E-C2F, E-C3F, E-LOADF, E-RFF and E-RCF.
- (8) Includes emissions from sampling operations at the following EPNS: E-C1PSF, E-C1SCF, E-C1SSBF, E-C1SSF and E-C1SRBF.
- (9) Includes emissions from sampling operations at the following EPNS: E-C2PSF, E-C2SCF, E-C2SSBF, E-C2SSF and E-C2SRBF.

Date June 15, 2012
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