

Emission Sources - Maximum Allowable Emission Rates

Permit Number 1659

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 (5) *	
			lbs/hour	TPY **
03EP02	Tank 80 Bin Vent	PM	0.50	1.09
		PM ₁₀	0.50	1.09
03EP01	Main Mill No.3 Baghouse	PM	0.44	1.92
		PM ₁₀	0.44	1.92
		VOC/Glycol	0.15	0.56
03EP05	M200 Bagger Dust Collector	PM	0.34	0.74
		PM ₁₀	0.34	0.74
03EP08	M4 Bagger Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
03EP04	Tank 90 Dust Collector	PM	0.49	1.06
		PM ₁₀	0.49	1.06
03EP06	Tank 91 Dust Collector	PM	0.34	0.74
		PM ₁₀	0.34	0.74
03EP03	Tank 92 Dust Collector	PM	0.49	1.06
		PM ₁₀	0.49	1.06
03EP07	Tank 94 Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
03EP08	DFL094 Dust Collector	PM	0.07	0.16
		PM ₁₀	0.07	0.16

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03EP09	FPT098 Dust Collector	PM	0.13	0.28
		PM ₁₀	0.13	0.28
03EP10	DFL100 Dust Collector	PM	0.07	0.16
		PM ₁₀	0.07	0.16
04EP01	Main Mill #4 Baghouse	PM	0.44	1.92
		PM ₁₀	0.44	1.92
		VOC/Glycol	0.15	0.56
04EP05	Tank 42 Dust Collector	PM	0.03	0.07
		PM ₁₀	0.03	0.07
04EP06	Tank 93 Dust Collector	PM	0.41	0.89
		PM ₁₀	0.41	0.89
04EP04	Tank 94 Dust Collector	PM	0.02	0.05
		PM ₁₀	0.02	0.05
04EP02	Tank 97 Dust Collector	PM	0.02	0.05
		PM ₁₀	0.02	0.05
04EP03	Tank 98 Dust Collector	PM	0.06	0.14
		PM ₁₀	0.06	0.14
05EP01	Main Mill #5 Baghouse	PM	0.44	1.92
		PM ₁₀	0.44	1.92
		VOC/Glycol	0.15	0.56
05EP03	Tank 40 Dust Collector	PM	0.49	1.06
		PM ₁₀	0.49	1.06
05EP02	Tank 95 Dust Collector	PM	0.49	1.06
		PM ₁₀	0.49	1.06

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11EP01	Main Mill #11 Baghouse	PM	0.36	1.57
		PM ₁₀	0.36	1.57
		VOC/Glycol	0.04	0.16
03EP01F, 03EP02F, 03EP03F, 03EP04F, and 03EP05F	Fugitives for outside rock hopper, belt conveyors, reclaim rock hopper, and vibratory screen (4)	PM	0.33	1.42
		PM ₁₀	0.15	0.68
02EP01	Mill 2 and 6 Feed Dust Collector	PM	0.04	0.17
		PM ₁₀	0.04	0.17
02EP02	Mill 2 and 6 Feed Dust Collector	PM	0.04	0.17
		PM ₁₀	0.04	0.17
02EP03	Mill #2 Dust Collector	PM	0.46	2.04
		PM ₁₀	0.46	2.04
		VOC/Glycol	0.15	0.56
02EP04	Mill 2 Finished Product Silo Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
02EP05	Mill 2 Finished Product Silo Dust Collector	PM	0.02	0.05
		PM ₁₀	0.02	0.05
06EP01	Mill #6 Main Dust Collector	PM	0.16	0.70
		PM ₁₀	0.16	0.70
		VOC/Glycol	0.15	0.56
08EP01	Mill #8 Main Dust Collector	PM	0.44	1.37
		PM ₁₀	0.44	1.37
		CO	0.14	0.42
		NO _x	0.16	0.51
		SO ₂	<0.01	<0.01

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		VOC	<0.01	0.03
		Glycol	1.18	4.42
08EP02	FP Tank 19 Dust Collector	PM	0.22	0.69
		PM ₁₀	0.22	0.69
08EP03	MFT002 Dust Collector	PM	0.13	0.40
		PM ₁₀	0.13	0.40
08EP04	FP Tank 003 Dust Collector	PM	0.13	0.40
		PM ₁₀	0.13	0.40
08EP05	DFL001 Dust Collector	PM	0.07	0.22
		PM ₁₀	0.07	0.22
48EP01	Mill #6 Cyclone System Dust Collector	PM	0.10	0.42
		PM ₁₀	0.10	0.42
49EP01	Unit 2 M 3 Bagger Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
49EP02	Feed Tank 000 Dust Collector	PM	0.22	0.67
		PM ₁₀	0.22	0.67
49EP03	FP Tank 24 Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
49EP04	FP Tank 18 Dust Collector	PM	0.13	0.28
		PM ₁₀	0.13	0.28
49EP05	M3T Bagger and FT003 Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
50EP01	M6 Bagger and FT004 Dust Collector	PM	0.19	0.41
		PM ₁₀	0.19	0.41

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50EP02	FPT 013 Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
50EP03	FPT 012 Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
50EP04	FPT 014 Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
50EP05	FPT 022 Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
50EP06	M 300 Bagger and MFT 001 Dust Collector	PM	0.14	0.30
		PM ₁₀	0.14	0.30
50EP07	FPT 016 Dust Collector	PM	0.22	0.47
		PM ₁₀	0.22	0.47
MHF	Material Handling for rock hopper, Conveyors 001 and 002, and Vibratory Feeder (4)	PM	<0.01	0.05
		PM ₁₀	<0.01	0.02

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- 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
- CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

** Compliance with annual emission limits is based on a 12 month rolling period.

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24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year for Mill Nos. 2, 3, 4, 5, 6, and 11. Mill No. 8 is limited to 6,240 hours per year.

Date: December 19, 2012