

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. 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**
WEST PLANT (<u>Unit 3</u>)				
03EP02	Tank 80 Bin Vent	PM ₁₀	0.50	1.09
03EP01	Main Mill No. 3 Baghouse	PM ₁₀	0.44	1.92
		VOC/Glycol	0.15	0.56
03EP05	M200 Bagger Dust Collector	PM ₁₀	0.34	0.74
03EP08	M4 Bagger Dust Collector	PM ₁₀	0.22	0.47
03EP04	Tank 90 Dust Collector	PM ₁₀	0.49	1.06
03EP06	Tank 91 Dust Collector	PM ₁₀	0.34	0.74
03EP03	Tank 92 Dust Collector	PM ₁₀	0.49	1.06
03EP07	Tank 94 Dust Collector	PM ₁₀	0.22	0.47
03EP08	DFL094 Dust Collector	PM ₁₀	0.07	0.16
03EP09	FPT098 Dust Collector	PM ₁₀	0.13	0.28
03EP10	DFL100 Dust Collector	PM ₁₀	0.07	0.16
04EP01	Main Mill #4 Baghouse	PM ₁₀	0.44	1.92
		VOC/Glycol	0.15	0.56
04EP05	Tank 42 Dust Collector	PM ₁₀	0.03	0.07
04EP06	Tank 93 Dust Collector	PM ₁₀	0.41	0.89

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			lb/hr	TPY**
04EP04	Tank 94 Dust Collector	PM ₁₀	0.02	0.05
04EP02	Tank 97 Dust Collector	PM ₁₀	0.02	0.05
04EP03	Tank 98 Dust Collector	PM ₁₀	0.06	0.14
05EP01	Main Mill No. 5 Baghouse	PM ₁₀	0.44	1.92
		VOC/Glycol	0.15	0.56
05EP03	Tank 40 Dust Collector	PM ₁₀	0.49	1.06
05EP02	Tank 95 Dust Collector	PM ₁₀	0.49	1.06
11EP01	Main Mill No. 11 Baghouse	PM ₁₀	0.36	1.57
		VOC/Glycol	0.04	0.16
03EP01F,03EP02F, 03EP03F, 03EP04F, and 03EP05F	Fugitives (4) Outside Rock Hopper, Belt Conveyors, Reclaim Rock Hopper, and Vibratory Screen	PM	0.33	1.42
		PM ₁₀	0.15	0.68
EAST PLANT (<u>Unit2</u>)				
02EP01	Mill 2 and 6 Feed Dust Collector	PM ₁₀	0.04	0.17
02EP02	Mill 2 and 6 Feed Dust Collector	PM ₁₀	0.04	0.17
02EP03	Mill No. 2 Dust Collector	PM ₁₀	0.46	2.04
		VOC/Glycol	0.15	0.56
02EP04	Mill 2 Finished Product Silo Dust Collector	PM ₁₀	0.22	0.47

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			lb/hr	TPY**
02EP05	Mill 2 Finished Product Silo Dust Collector	PM ₁₀	0.02	0.05
06EP01	Mill No. 6 Main Dust Collector	PM ₁₀	0.16	0.70
		VOC/ Glycol	0.15	0.56
08EP01	Mill No. 8 Main Dust Collector	PM ₁₀	0.44	1.37
		CO	0.14	0.42
		NO _x	0.16	0.51
		SO ₂	<0.01	<0.01
		VOC	<0.01	0.03
		Glycol	1.18	4.42
08EP02	FP Tank 19 Dust Collector	PM ₁₀	0.22	0.69
08EP03	MFT002 Dust Collector	PM ₁₀	0.13	0.40
08EP04	FP Tank 003 Dust Collector	PM ₁₀	0.13	0.40
08EP05	DFL001 Dust Collector	PM ₁₀	0.07	0.22
48EP01	Mill No. 6 Cyclone System Dust Collector	PM ₁₀	0.10	0.42
49EP01	Unit 2 M 3 Bagger Dust Collector	PM ₁₀	0.22	0.47
49EP02	Feed Tank 000 Dust Collector	PM ₁₀	0.22	0.67
49EP03	FP Tank 24 Dust Collector	PM ₁₀	0.22	0.47
49EP04	FP Tank 18 Dust Collector	PM ₁₀	0.13	0.28
49EP05	M3T Bagger and FT003 Dust Collector	PM ₁₀	0.22	0.47
50EP01	M6 Bagger and	PM ₁₀	0.19	0.41

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	FT004 Dust Collector			
50EP02	FPT 013 Dust Collector	PM ₁₀	0.22	0.47
50EP03	FPT 012 Dust Collector	PM ₁₀	0.22	0.47
50EP04	FPT 014 Dust Collector	PM ₁₀	0.22	0.47
50EP05	FPT 022 Dust Collector	PM ₁₀	0.22	0.47
50EP06	M 300 Bagger and MFT 001 Dust Collector	PM ₁₀	0.14	0.30
50EP07	FPT 016 Dust Collector	PM ₁₀	0.22	0.47
MHF	Material Handling (4) Rock Hopper, Conveyors 001 and 002, and Vibratory Feeder	PM	<0.01	0.05
		PM ₁₀	<0.006	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 an 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 - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall

be assumed that no particulate matter greater than 10 microns is emitted.

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CO	- carbon monoxide			

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(4) Fugitive emissions are an estimate only.

- * 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 rolling 12-month period.

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.

Dated July 26, 2005